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leadership by design

www.printronix.com

EMEA PRINTER SUPPLIES GUIDE

Line Matrix, Thermal, Laser

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INTRODUCTION

PRINTRONIX VALUE COMMITMENT

- **Exceptional Service.**
- **On-time Deliveries.**
- **World Class Quality.**
- **Value You Can Depend Upon!**
- **All at a Competitive Price.**

THE GENUINE PRINTRONIX ADVANTAGE

Since supplies used in a printer are a critical element of the printing system, their design, specification and selection are of utmost importance. Printronix, with its years of experience in the design of printers and their applications, promises that you will receive the exact materials required to maximise the performance of your Printronix printer.

Genuine Printronix Supplies provide superior quality. They are manufactured to our demanding specifications and quality is checked and controlled from raw materials to delivery to your door.

Satisfaction is guaranteed. If any Printronix supply item does not meet your expectations or the demands of your application, it is replaced or your purchase price is refunded.

ABOUT PRINTRONIX

Printronix is the leader in enterprise resource planning printing solutions, providing network integrated multi-technology printers to businesses worldwide.

Founded in 1974, Printronix is the acknowledged foremost supplier of line matrix printers, and an innovator in continuous form laser printers and thermal bar code label printers. Printronix also has become an established leader in pioneering technologies, including radio frequency identification (RFID) printing, bar code compliance and networked printer management.

Headquartered in Irvine, California, with engineering, manufacturing, sales, and customer support centres worldwide, Printronix technology is sold under private label to the major computer systems providers and is available under the Printronix brand name through full service distributors and value added resellers.

A publicly traded company, Printronix (PTNX) was among the first technology leaders to be listed on the NASDAQ exchange.

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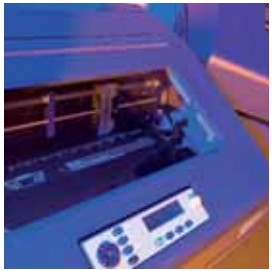
LINE MATRIX PRINTERS



Printronix invented the concept of line matrix printing in 1974, and has enhanced its line matrix printers through six generations of technological developments.

Typically, *10 times less expensive than laser or serial matrix,* Printronix line matrix delivers significant cost savings in all high volume applications.

The installed base of Printronix "P" Series line matrix printers is used for a wide range of printing applications including text printing or a mix of text and bar code printing applications such as shipping labels.

Typical Line Matrix Print Applications

Typical Text Printing Applications	Typical Bar Code Printing Applications
Data processing reports	Shipping labels
Invoices	Receiving labels
Packing slips	Work in process labels & tags
Pick lists	Asset labels
Inventory reports	Wide range of bar coded labels & tags
Parts listings	Broadcast labels (large labels)
Multi-part forms	Trade documents

P7000 LINE MATRIX PRINTERS

The **P7000 family**, recently introduced, offers seven models, all designed to meet the needs of offices, industrial companies, and distribution centres requiring unsurpassed impact printing. Advancing its industry leading web-enabled remote management capabilities, and coupling a host of reliability and usability enhancements, the P7000 printer represents the best line printer ever made and the ideal solution for high volume low cost printing of mission critical reports, forms and labels.

For further information on the P7000 line matrix printers, please visit our website at www.printronix.com

The **P7000ZT Series** (3 models) incorporates the industry leading features of the P7000 pedestal model printers - clamshell design, Ultra Capacity consumables and Integrated Print Management.

Unique to the P7000ZT Series is the special push tractor configuration. **This system enables you to print from the very first to the very last line of a form and then tear it off with no loss of forms.**

This series is ideal for applications requiring precise accounting of all forms or where forms are simply too expensive to waste. Especially, when each form is torn off and used individually, the elimination of waste between sheets can yield significant savings.

The smart paper system automatically ejects the paper for tear off after the page or job is printed, and then retracts it as soon as the next job is sent. Or, at any time, you can use the Eject key to present or return forms as necessary for tear off.

Push tractor system eliminates forms loss.

P7000HD LINE MATRIX PRINTERS

The P7000HD extends the reach of line matrix printing to high quality industrial graphics. Migrating to new systems built around Windows™ and graphics based printing, no longer means having to forgo the traditional line matrix benefits of reliability, low cost, and forms flexibility. Preserving all the industry leading features of the 6th generation P7000 platform, the new P7000HD is ready to drop directly in place of any Windows connected laser printer.

This printer is also available with the special push tractor configuration (P7000HD ZT).

P7000 & P7000HD PRINTER OVERVIEW

Model	Speed (LPM)	Style
P7000 Series		
P7005ZT	500	Zero Tear Pedestal
P7005	500	Open Pedestal
P7205	500	Floor Cabinet
P7010ZT	1000	Zero Tear Pedestal
P7010	1000	Open Pedestal
P7210	1000	Floor Cabinet
P7015ZT	1500	Zero Tear Pedestal
P7015	1500	Open Pedestal
P7215	1500	Floor Cabinet
P7220	2000	Floor Cabinet
P7000HD series		
P7000HD	*	Open Pedestal
P7000HDZT	*	Zero Tear Pedestal
P7200HD	*	Floor Cabinet

* Print Speed depends on resolution in DPI

P7000 LINE MATRIX STANDARD RIBBON

Central to the development of the new P7000 family of line matrix printers was the design of a completely new consumable. Addressing our customers' requests for fewer user interventions, darker images, and easier ribbon loading, the new P7000 Ultra Capacity Ribbon was created.

Formulated for high yield, dark, high definition bar code and text printing. These ribbons increase printing productivity with fewer ribbon changes resulting in reduced overall cost of printing.

Ribbon for P7000 printers	
Description	Ultra Capacity
Printers	P7000
Yield	90 million characters
Part No.	**179499-001** (Box of 6)

Note : This ribbon is not compatible with Printronix P5000 Line Matrix Printers.

Advantages of the Ultra Capacity Ribbon

- **Ultra Long Life:** Rated at 90 million characters, delivers up to a 300% improvement in ribbon life over our most popular 30 million character ribbon - significantly reducing the number of user interventions.
- **One ribbon for all models (pedestal and cabinet):** Large spools and simple load hubs designed exclusively for P7000 printer series.
- **One Ribbon Fits Almost All Applications:** Single ink formulation provides optimal images for both text and bar code printing.
- **Integrated Print Management System:** The Ultra Capacity ribbons include the necessary bar code to work integrally with the new Integrated Print Management System to provide complete visibility. The P7000 has a new feature that automatically monitors and communicates ribbon life and quality. This allows the system administrator to have precise control over print quality, consumable costs, and job planning.
- **Lowest Cost of Operation:** More yield from the ribbon delivers a decrease in the cost per page and allow users to stretch their consumables budget further.
- **Easy Ribbon Changing:** Clamshell top access and new easy-load spool/hub design make ribbon changing easier than ever.

P7000 LINE MATRIX COLOUR & SPECIALTY RIBBONS

Printronix provides ribbons to meet the needs of all your specialty applications. These ribbons are manufactured to the same exacting specifications as other *Genuine* Printronix ribbons.

Description	Yield	Application	Fits	Part No.
Label Ribbon	65 million characters	For shiny face stock	All P7000 models	**179488-001** Pack of 6
Red Text Ribbon	58 million characters	For applications that require red printed image	All P7000 models	**179490-001** Pack of 6
Blue Text Ribbon	58 million characters	For applications that require blue printed image	All P7000 models	**179491-001** Pack of 6
Green Text Ribbon	58 million characters	For applications that require green printed image	All P7000 models	**179492-001** Pack of 6
Security Ribbon (Non-Inked)	108 million characters	For applications that use NCR or carbon forms and require no printing on the face stock	All P7000 models	**179493-001** Pack of 6
Quick Dry Ribbon	36 million characters	For extremely glossy face stock Ink formulated for non-porous media	All P7000 models	**179494-001** Pack of 6
Tamper Evident Ribbon	47 million characters	Blue ribbon with a red 'bleed through' for secure printing	All P7000 models	**179496-001** Pack of 6
UV Ribbon	50 million characters	Special ink visible under ultraviolet (UV) light	All P7000 models	**179497-001** Pack of 6
Laundry Ribbon	54 million characters	Printing on fabrics that must withstand washings	All P7000 models	**179498-001** Pack of 6

Note : These ribbons are not compatible with Printronix P5000 Line Matrix Printers.

P7000HD LINE MATRIX STANDARD RIBBON

A special high definition formulation of Ultra Capacity ribbon was developed for the P7000HD Series to handle the unique challenges of high detail fine point printing.

Like the standard Ultra Capacity ribbon, this new formulation delivers a sharper darker image for a greatly extended life. Compared to the most popular P5000H ribbons, these ribbons deliver a 20% darker image and twice the life. The result is reduced user intervention, improved print quality and the best cost per page. And, like all P7000 ribbons, they are fully supported by the Integrated Print Management system.

Ribbon for P7000HD printers	
Description	Ultra Capacity HD
Printers	P7000HD
Yield	60 million characters
Part No.	**250145-001** (Box of 6)

Note : This ribbon is not compatible with Printronix P5000 Line Matrix Printers.

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P7000 CONSUMABLES QUESTIONS & ANSWERS

"Which ribbon is right for my application?"

The P7000 Ultra Capacity ribbon is the right choice for most applications. It has been designed to give the darkest starting print, longest life, and lowest cost per page. It contains the necessary ingredients to be readable by infrared OCR and bar code scanners, and produces sharp, high contrast bar codes and text.

"When would I require the P7000 Label ribbon?"

The ink used in the Ultra Capacity ribbon may not provide optimum images with some shiny or coated label face stocks. In these cases, Printronix recommends our specialty P7000 Label ribbon, designed specifically for these applications.

"Will the same P7000 ribbon fit the pedestal and quiet cabinet models?"

Yes. All spools for the P7000 are the same size and are designed for the larger P7000 Ultra Capacity Ribbons. As part of the new pedestal design for the P7000 family, the interior capacity was increased to enable it to handle the new, larger size. So unlike its predecessor, there is no longer a difference in spool sizes between the pedestal and quiet cabinet models.

"Are the P5000 and P7000 ribbons interchangeable?"

No. The P7000 ribbons are too large to physically fit in either the pedestal or quiet cabinet P5000 printers. Additionally, the new easy load hub on the P7000 will not accommodate the older P5000 spool design.

"What is the comparable cost of operation between a P5000 and P7000?"

The P7000 Ultra Capacity ribbon's new, unique ink formulation actually delivers more yield per unit than the P5000 ribbons. These savings are passed on to the user resulting in a decrease in the cost per page over the already economical P5000 ribbons. For example, on a per character basis the P7000 supplies are almost 28% less expensive than our most popular P5000 ribbons.

"If the cost of operation is better than the P5000, why do the P7000 ribbons have a higher price?"

Operating cost is based on cost per volume of printing. Since the P7000 ribbons yield more than any comparable P5000 ribbons, the price will be higher on a per spool basis. However, if you divide the spool price by its yield, you will see that you are saving money with the P7000.

P7000 CONSUMABLES QUESTIONS & ANSWERS

"Can I buy the ribbons for the P7000 from my current Printronix supplier?"

Yes. All existing suppliers of Genuine Printronix ribbons have access to the new P7000 suite of ribbons.

"I do not use Genuine Printronix Supplies today. Can I continue to buy from my existing supplier?"

Yes. Many of these suppliers have access to Genuine Printronix Supplies.

"Why should I use Genuine Printronix ribbons for my P7000?"

The number one reason is reliability. Most manufacturers of third party ribbons use excessive, inconsistent, or low quality ink. Even if the resulting print quality is found to be acceptable, the impact on the mechanism is not. These poor formulations shed their ink into the hammer bank and eventually stop it from printing. The only cure is an expensive tear down and clean up of your printer by a trained service personnel. Since this is a common problem in the field and is not a printer malfunction, these service calls are typically not covered by your service contract.

"Are there other brands of ribbons that will fit my P7000?"

The P7000 ribbon is a brand new product and at the time of its introduction, we are only aware of Printronix and IBM branded ribbons that will function properly. Typically, the compatible manufacturers will wait until they see sufficient demand in the market before proceeding with making their own products.

"I have found a third party ribbon for my P7000 which the printer identifies as "Unauthorised OEM", what does this mean?"

This product will work on your P7000, but the design is not suitable to prevent ink contamination and does not correctly report its characteristics to the Integrated Print Management system. Since the correct data is not provided, the ribbon life indication will not work and has been disabled. Furthermore, your service provider will be able to tell that your printer has been running Unauthorised supplies and may charge for any ink contamination related service calls. We recommend using Genuine Printronix Supplies or other Authorised OEM products.

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P5000 LINE MATRIX PRINTERS

Model	Speed (LPM)	Style
P5000 series		
P5005	500	Open Pedestal
P5005ZT	500	Zero Tear Pedestal
P5205	500	Floor Cabinet
P5010	1000	Open Pedestal
P5010ZT	1000	Zero Tear Pedestal
P5210	1000	Floor Cabinet
P5015	1500	Open Pedestal
P5215	1500	Floor Cabinet
P5220	2000	Floor Cabinet
P5224	2400	Floor Cabinet

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P5000 LINE MATRIX GOLD SERIES RIBBONS

The Gold Series Ribbons are formulated with a single ink providing optimal images for both text and bar code printing eliminating the need to purchase and inventory two separate ribbons. These ribbons increase printing productivity with fewer ribbon changes resulting in reduced overall cost of printing operations.

Gold Series Ribbons				
	Gold 30	**Gold 50**	**Gold 90**	**Gold 2000**
Application	Text and Bar Code Printing Applications			
Printers	All P5000*	All P5000*	All P52XX** Cabinets	All P5220 & P5224***
Text Yield (million characters)	30	50	90	60
Bar Code Yield (AIAG style 4"x6" Shipping labels)	3400	4800	7400	5100
Average Yield (in pages)	5K-8K (2-3 boxes)	9K-14K (3-5 boxes)	15K-24K (5-8 boxes)	11K-18K (4-6 boxes)
Part No.	**172293-001** Pack of 6	**175006-001** Pack of 6	**179006-001** Pack of 6	**175220-001** Pack of 12

* For all Printronix Line Matrix Printers P5000 (Pedestal and Cabinet Models) including the P5220s, except P5220 & P5224 - dual hammerbank

** For all Printronix Line Matrix Floor Cabinet Printers P52XX including the P5220s, except P5220 & P5224 - dual hammerbank

*** Only for the P5220 & P5224 due to the unique demands of dual hammerbank technology

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P5000 LINE MATRIX GOLD SERIES RIBBONS

Advantages of P5000 Gold Series Ribbons

All Gold Series ribbons have the same outstanding advantages of the Printronix standard ribbons, plus:

- Highest printing capacity available… nearly double the life of standard P5000 ribbons. Significantly reduces ribbon changes and increases productivity.
- Single ink formulation provides optimal images for both text and bar code printing… eliminates need to purchase and inventory two separate ribbons.
- Solid flange spools reduce ribbon contact during changes, improves ribbon tracking, improves print quality.
- Consistent quality and performance… assures consistency ribbon-to-ribbon, box-to-box.
- Reduced printer wear and maintenance.
- Designed and manufactured by Printronix… optimal fabric design and ink chemistry for the Printronix print mechanism.
- Printronix guarantee… every genuine Printronix ribbon is unconditionally guaranteed to meet or exceed the requirements of the most demanding applications. If these needs are not met, ribbons are replaced without any questions asked.

Unique Advantages of Gold Series 2000 Ribbons (only for P5220 & P5224 - dual hammerbank)

Formulated specifically for the dual hammerbank technology used in the P5220 and the P5224. All the features of Printronix Gold Series Ribbons plus:

- Unique patented fabric, ink formulation, and construction optimised to match the dual hammerbank technology used in the P5220 and P5224.
- Designed for optimum performance at 2000 LPM high speed printing.
- Ink-free mylar leader enables ribbon to be loaded free of messy hands.
- Packed 12 ribbons to a box to support high production usage.

P5000 LINE MATRIX STANDARD RIBBONS

(ALL MODELS EXCEPT P5220 & P5224 - dual hammerbank)

For over 30 years, Printronix traditional ribbons continue to provide quality line matrix printing.

Extended Life Text Ribbons		
Application	Text Printing (i.e. Reports and Invoices)	
Fits	All Models Including P5220s (Except P5220 & P5224 - dual hammerbank)	All P52XX Cabinet Models Including P5220s (Except P5220 & P5224 - dual hammerbank)
Yield In Characters	30 Million Characters	50 Million Characters
Average Yield In Pages	9,000 To 14,000 Pages (3-5 Boxes Of Paper)	15,000 To 24,000 Pages (3-5 Boxes Of Paper)
Part No. (Box of 6)	**107675-001**	**107675-007**

Bar Code/OCR Ribbons		
Application	Bar Code, Optical Character Recognition (OCR) and Text Printing	
Fits	All Models Including P5220s (Except P5220 & P5224 - dual hammerbank)	All P52XX Cabinet Models Including P5220s (Except P5220 & P5224 - dual hammerbank)
Bar Code Yield In Labels	2,800 AIAG Style (4”x6”) Shipping Labels	4,667 AIAG Style (4”x6”) Shipping Labels
Yield In Characters	30 Million Characters	50 Million Characters
Average Yield In Pages	9,000 To 14,000 Pages	15,000 To 24,000 Pages
Part No. (Box of 6)	**107675-005**	**107675-008**

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P5000 LINE MATRIX STANDARD RIBBONS

Advantages of Standard Ribbons

- Designed to reliably work with the Printronix ribbon reversing electronics... eliminates breakage.
- Fast drying ink eliminates image smearing and smudges.
- Designed for use with Printronix high speed hammerbanks.
- Packed 6 ribbons to a box with cleaning towelettes and gloves for operator convenience.
- Each ribbon is protected with tightly sealed shrink-wrap to extend shelf life.

Unique Advantages of Text Ribbons

- Designed for reliable extended text printing life.
- Long life ribbon - 30 million and 50 million characters - improves productivity by reducing downtime for ribbon changes.
- Uses specially formulated ink for extended ribbon life and consistent print image.

Unique Advantages of Bar Code Ribbons

- Specially formulated ink results in enhanced bar code scanning and consistent print imaging.
- Carbon-formulated ink enhances compatibility with bar code scanners.

P5000 LINE MATRIX COLOUR AND SPECIALTY RIBBONS

Printronix provides ribbons to meet the needs of all your specialty applications. These ribbons are manufactured to the same exacting specifications as other *Genuine* Printronix ribbons.

Description	Yield	Application	Fits	Part No.
Red Text Ribbon	40 million characters	For applications that require red printed image	All models incl. P5220s (except P5220 & P5224 - dual hammerbank)	**136424-001** Pack of 6
Blue Text Ribbon	40 million characters	For applications that require blue printed image	All models incl. P5220s (except P5220 & P5224 - dual hammerbank)	**136424-002** Pack of 6
Green Text Ribbon	40 million characters	For applications that require green printed image	All models incl. P5220s (except P5220 & P5224 - dual hammerbank)	**136424-003** Pack of 6
Security Ribbon (Non-Inked)	40 million characters	Secure printing of multipart forms	All models incl. P5220s (except P5220 & P5224 - dual hammerbank)	**171865-001** Pack of 6
P5220/P5224 Security Ribbon Non-Inked	60 millions characters	Secure printing of multipart forms	For P5220 & P5224 (except P5220s)	**174802-001** Pack of 12
UV Ribbon	4 million characters	Special ink visible under ultraviolet (UV) light	All models incl. P5220s (except P5220 & P5224 - dual hammerbank)	**175201-001** Pack of 6
Laundry Ribbon	5 million characters	Contains a wash-resistant ink for use in commercial laundry applications	All models incl. P5220s (except P5220 & P5224 - dual hammerbank)	**175355-001** Pack of 6

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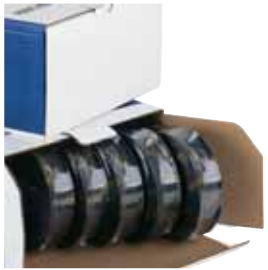
P5000 CONSUMABLES QUESTIONS & ANSWERS



"Why can't I run my existing ribbons on the P5220 & P5224?"

Although they may look similar, they are in fact quite different. The 2000 LPM printer achieves its high print speed by virtue of having dual rows of hammers. It is almost like two line matrix printers stacked on top of one another. This unique geometry, coupled with high speed printing, places very special demands on the ribbon design. The Gold Series 2000 ribbon has been specially designed and patented to be optimised for this unique configuration.

"To simplify things, could I switch the ribbons for all my printers to the Gold Series 2000?"

The simple answer is no. This ribbon is designed to deliver superior print quality on the high speed P5220 and P5224. This superior quality is the result of a unique ribbon design, which has been patented by Printronix.

"Why are the spools different between the P5220/P5224 and my other printers?"

The P5220/P5224 hub is larger to prevent the loading of an incorrect ribbon. Superior print quality occurs only with the patented Gold Series 2000 ribbon.

"Is there really that much variation and importance in ribbon design?"

Yes. Although the concept is very simple, the details of the design are very critical. If the ribbon is too thick, it will produce a fuzzy image. If it is too thin, it won't supply enough ink. If the ink dries too fast, it won't last once exposed to air. If it dries too slow, it will smear. If it is too moist, it will clog the print hammers. If it does not have enough ink, it will run out too quickly. If the ink flows too easily, it may flow to the bottom of the ribbon. If it flows too slowly, it might not support a high enough print speed. If the ink is not dark enough, it will produce low contrast printing and poor bar codes. If it has too many or the wrong darkening agents, it will damage the printer.

Similarly, the design of the printer introduces a whole other set of variables that effect ribbon design. How fast will the ribbon move past the hammers? How fast are the hammers striking? How close are they to each other? How big are the tips? The list of questions and complex tradeoffs goes on and on, which is why it is so valuable that Printronix engineers both the ribbon and the printer to work together. The performance yielded from the Gold Series ribbons is a great testimony to what can be achieved with total design control.

P5000 CONSUMABLES QUESTIONS & ANSWERS

"Why does my generic ribbon print darker than the Printronix ribbon?"

This is a true indication of an over-inked ribbon. Many generic ribbons contain excessive ink and appear to print darker. These ribbons will lead to expensive repairs due to ink migration onto the print hammers. When ink builds up as gummy, sticky deposits in the hammerbank, print quality deteriorates. This can result in the most costly repair in the printer. Often service contracts will not cover these repair costs. Printronix ribbons have a precisely controlled ink load and are guaranteed to prevent ink migration problems.

"Aren't all printer ribbons similar and made with similar inks?"

The selection and use of the ink formulation incorporated in any printer ribbon is dependent upon the impression method of the printer, the paper or label material upon which the data is to be printed and the eventual application and use of the data or graphics created. The ribbon inks used in *Genuine* Printronix Ribbons are formulated for consistency, quality and extended life with your applications in mind.

"What causes the quality and darkness of my printed output to change drastically every time I change my printer ribbon?"

If not properly controlled during manufacturing, the amount of ink within a new ribbon can vary not only between various suppliers, but also from batch to batch from a single vendor. These variations of ink content can produce significant inconsistencies and quality variations in your printed data and bar code applications. Ideally, ribbons should have an initial inking level of approximately 19% by weight. Below this level, useful ribbon life will be significantly reduced. Above this level, spreading and smearing of barcodes and characters will be observed.

"Why is there a Ball Shot attachment?"

In a continuous drive to improve ribbon quality and reliability, we have found the mechanical security of ball shot ribbon attachment superior to previous adhesive based attachment methods. The benefit is more uptime with fewer possible interruptions.

"Will static from a ribbon cause printing problems?"

In recent testing we have found a number of non-Printronix ribbons can generate static during the printing operation. This electronic discharge (static) can result in printer stoppage, controller logic resets, and (in the worst cases) damage to electronic components in the system's circuits. Genuine Printronix ribbons are specifically manufactured with high impact styrene spools that have been selected and tested to prevent potentially destructive static build up.

P5000 CONSUMABLES QUESTIONS & ANSWERS

"How important is ribbon quality when printing bar codes?

Control of ink spread is most critical in any bar code application. You must ensure that the space elements between bars remains a constant width and that the code remains scanner readable without variations or errors. It is also required that the ink be uniformly dispersed along the entire length of the ribbon to eliminate variations in print density during the ribbon's productive life. Genuine Printronix ribbons are manufactured to exacting specifications and quality controlled to ensure that each ribbon you receive produces a level of density and image quality that is consistent from application to application.

"Can I use a mylar ribbon with my Printronix printer?"

Because of the highly abrasive nature of the mylar ribbon base material, the use of these ribbons is not approved or recommended for use with Printronix printer systems. Our oratory lab has found that mylar ribbons can cause excessive wear and will eventually destroy the ribbon mask of the printer in a very short period of time.

"Does packaging have any effect on the performance of a printer ribbon?"

Because of the liquid properties of inks, printer ribbons require proper protective packaging to ensure that evaporation during shipping and storage is minimised. Each Genuine Printronix ribbon is individually protected by a plastic shrink wrap. Because of the somewhat perishable nature of impact printer ribbons, a date of manufacture is provided so that proper inventory rotation can be instituted. All of the outer cartons and shipping containers of Genuine Printronix supplies are designed to protect the ribbons from physical damage and distortion during shipping and handling.

COMPATIBILITY WITH OTHER PRINTERS

During the past two decades, many of our competitors have recognised the inherent dependability, economy and quality that could be gained by utilising the *Genuine* Printronix ribbon's configuration and spool design. They have incorporated these ribbons into their product offerings.

Because of this, *Genuine* Printronix Gold Series, Barcode and Extended Life Text ribbons are fully compatible with printers from other distributors and manufacturers. Even if you don't have a Printronix printer, you can still benefit from the recognised image quality and reliability of *Genuine* Printronix ribbons. All *Genuine* Printronix ribbons are designed and manufactured to provide you with maximum print quality and cost effective operation while protecting the value of your printer investment.

COMPATIBLE PRINTER CHARTS

The printers in black (pedestal models) can only accept small spool ribbons, the printers in blue (cabinet models) can accept small & large spool ribbons.

SMALL SPOOL RIBBONS		
Ribbon Type	**Character Yield**	**Part Number**
Gold Series 30	30 million	172293-001
Gold Series 50	50 million	175006-001
Extended Life Text	30 million	107675-001
Bar Code	30 million	107675-005
Red	40 million	132464-001
Blue	40 million	136424-002
Green	40 million	136424-003
Security Non-Inked	40 million	171865-001
UV Ribbon	4 million	175201-001
Laundry Ribbon	5 million	175355-001

LARGE SPOOL RIBBONS		
Ribbon Type	**Character Yield**	**Part Number**
Gold Series 90	90 million	179006-001
Extended Life Text	50 million	107675-007
Bar Code	50 million	107675-008

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GLOBAL PRINTING...ENABLED.

COMPATIBILITY WITH OTHER PRINTERS

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P5000 RIBBONS
A	ADP Printronix	Printronix
	Advance Info	3510, 905, Access Advisor
	AI/GBT	3940, 4980, L5040, L5080, L5120
	Alcatel	8334
	AM Jacquard	P300
	American Mopas	P150, P300, P600
	Anzac	P600
B	Banctec	CES 9400, TRP 1000, TRP 700
	Basic	700
	Basic Computer Sys	S-10, S-20
	Basic Four	0916 Spool, 0918, 150, 200CPS, 300, 3150, 3152, 3510, 3560, 3561, 3562, 3904, 3905, PT4201, PT4214, PT4219, PT4224, PT4230, 4235 (3904), 4236 (3904), 510 Spool, 520, 600, 700, 810 Spool, 905, 950, 610, 730S-10, S-20, 3151, 3207
	Bell & Howell	MPT
	Binder	CI-300, LDP600
	Braegen	LDP300, LDP600
	Bull	PR90, P9912-D, PR900, PR701, PR701P, PR702, PR702P, PR702PA, PR702A, PR 800, PR801, PR801P, PR802, PR802P, PR802PA, PR802A, PR802SA, PR900, PR901, PR902, PR902A
	Bunker Ramo Alad	20, 30, 40
C	C Itoh	CI-300, CI-600, CI-800, CI-1000
	Cado Systems	P300, P301, P600, P601, PRINTRONIX
	Calcomp	LPD-300
	Citizen America	CI-300, CI-600
	COT	C6000, C6040, C6080, C6240, C6240/S, C6280, C6280/S, TOP, TOP/S

COMPATIBILITY WITH OTHER PRINTERS

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P5000 RIBBONS
	CTM	900, ZD200, ZD300, ZD6OO
D	DAS	FE-09623-01, FE-09620-01, FE-09622-01, FE-09624-01, FE-09625-01
	Datasouth	DS500 LMP, DS500 LMC, DS800 LMP, DS800 LMC, DS900 LMP, DS900 LMC, DS1000 LMP, DS1000 LMC, DS1200 LMC, DS1400 LMC, DS1500 LMP, DS1500 LMP
	Decision Data/NLYNX	6605-AOO, 6605-AOOP, 6605-CTA, 6605-CTAP, 6605-TIA, 6605-TIPA, 6608-AOO, 6608-AOOP, 6608-CTA, 6608-CTAP, 6608-TIA, 6608-TIAP, 6609-AOO, 6609-AOOP, 6609-CTA, 6609-CTAP, 6609-TIA, 6609-TIAP, 6610-AOO, 6610-AOOP, 6610-CTA, 6610-CTAP, 6610-TIA, 6610-TIAP, 6612-AOO, 6612-CTA, 6612-TIA, 6614-AOO, 6614-CTA, 6614-TIA, 6615-AOO, 6615-CTA, 6615-TIA, 6704, 6704QC, 6807, 6811, 6910, 6945P, 6945Q
	Decision Systems International (DSI)	6740, 6908, 6912, 6945P-00, 6945P-90, 6945P-20, 6945Q-00, 6945Q-90, 6945Q-20, 6905P-00, 6905P-90, 6905P-20, 6905Q-00, 6905Q-90, 6905Q-20, 6905BP-00, 6905BP-90, 6905BP-20, 6905BQ-00, 6905BQ-90, 6905BQ-20, 6908P-00, 6908P-90, 6908P-20, 6908Q-00, 6908Q-90, 6908Q-20, 6909P-00, 6909P-90, 6909P-20, 6909Q-00, 6909Q-90, 6909Q-20, 6910P-00, 6910P-90, 6910P-20, 6910Q-00, 6910Q-90, 6910Q-20, 6912Q-00, 6912Q-90, 6912Q-20, 6914Q-00, 6914Q-90, 6914Q-20, 6915Q-00, 6915Q-90, 6915Q-20, 7005P, 7005Q, 7010P, 7010Q, 7015Q, 7015Q/ST
	Digital Associates	P300, P600
	Digital Datacom	Demis
	Digital Equipment (DEC)	LG04+, LGL4+, LG05, LG05+, LGL5, LGL05+, LG06, LG08+, LG12, LG12+, LG044, LGL44, LG054, LG08, LG08+, LGL08+, LG095+, LG09+, LGL9+, LGL9-KC, LG09-KC, LG10, LGL10, LG12, LG12+, LG14+, LG15, LXY11, LXY12, LXY21, LXY22
E	Erickson	P3040
	Evolution Corp	P300

COMPATIBILITY WITH OTHER PRINTERS

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P5000 RIBBONS
F	Facit	L404, L408, L412, L505-01, L505-02, L508-01, L508-02, L509-01, L509-02, L512-01, L512-02, L514-02, L514-02 ST, L605-01, L605-02, L610-01, L610-02, L615-02, L615-02 ST
	Famox	300
G	GBT	5240BL, 5241BL
	Gemini (Star)	0631, 0633, 0636
	General Automation	0631, 0633, 0636, MVP
	GH HOLDING	GHD-1000S, GHD-550, GHD-1000, GHD-6005S, GHD-6005
	Global Equipment	P300, P600
	Guwa	1901-050, 1901-080, 1901-090, 1901-120, 1901-140
H	Harris	4400, H162, H162-300, H162-600
	HOH	300
	HP	C3201, C3201A, C3201B, C3201C, C3201D, C3202, C3202A, C3202B, C3202C, C3202D, C3203, C3203A, C3204, C3204A, C3204B, C3204C, C3204D C3205, C3205A, C3205B, C3205C, C3205D, C5640, C5640B, C5640C, C5640D, LP475, LPQ475, LP500, LPQ500, LP800, LPQ800, LPQ1000, LPQ1200, LPQ1400, LPQ1500, LPQ1500-ST, LJ500, LJ1000, LJ1500
I	IBM	6400-004, 6400-004P, 6400-005, 6400-05P, 6400-P50, 6400-050, 6400-008, 6400-08P, 6400-009, 6400-09P, 6400-010, 6400-P10, 6400-012, 6400-014, 6400-015, 6400-C5P, 6400-C05, 6400-i05, 6400-i5P, 6400-i1P, 6400-i10, 6400-i15, 6400-i2S, 6404-B01, 6408-AOO, 6408-CTO, 6408-CTA, 6508-A00, 6412-AOO, 6412-CTO, 6412-CTA
	Ideal Print	IDP150, IDP 300, IDP 600, IDP 900, IDP 3040, IDP 6080
	IIS/DD	6704, 6608, 6605, 6608, 6612
	Interface Corp	4100SC

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COMPATIBILITY WITH OTHER PRINTERS

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P5000 RIBBONS
	Interface Systems	7234 Model 1, 7234 Model 2, 7234 Model 011, 7234 Model 012, PR150, PR300
	ISI	9404, 9408, 9412
J	Jacquard	P300
K	KMW	Hasp
	Kodak	KAR-400
L	Lanier	DM-300, H162-300, H162-600
	Lee Data	1380
	Logicon	TPS
	Lowell Systems	101, 1010, INC
M	MAI	0918, 200CPS, 3150, 3151, 3152, 3160, 3560, 3561, 3562, 3904, 3905, 4201, 4214, 4224, 4235, (3904)
	Matthews	MPS 4000
	McDonnell Douglas	975, 980, 985, Reality, Sequel
	Memorex, Telex (PTX / Visara)	1236, 1250, 1251, 1251-1, 1251-11, 1251-AX, 1252, 1252-1, 1252-11, 1252-AX, 1505-PDA, 1505-PDB, 1505-00B, 1505-P01, 1505-001, 1508-PDA, 1508-00A, 1509-PDA, 1509-00A, 1510-P01, 1510-001, 1512-00A, 1514-00A, 1514-STA, 1515-001, 1515-STA
	Mesa	300, 300/600, 600
	Microdata	5315, 5330, 975, 980, 95, Printronix, Reality, Sequel
	Miltope Corp	3609-212A
	Mini Computer Sys	600LPM
	Moore Business Forms	Series 60
N	NCR	2872
	Newbury Data	ND05P, ND05Q, ND08P, ND08Q, ND12Q
	Nixdorf	ZD 09
	NSA AD	AD 30/60

COMPATIBILITY WITH OTHER PRINTERS

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P5000 RIBBONS
O	Oki-Europe	Micro 50 (MX 50), Micro 90 (MX 90), Micro 100 (MX 100), Micro 140 (MX 140), Micro 150 (MX 150), Micro 200 (MX 200)
P	Pertec	SL20, SX40
	Philips	P2962, P2982, P4500
	Plessey	LP11, LP300, LP600, LPV11/300,LPV11/600
	Prime Computer	3126, 3173, 3174, 3226
	Printronix	MVP150, MVP150B, MVP150C, P150, P300, P300XQ, P600, P600XQ, P3040, P4205, P4208, P4212, P4280, P5005, P5008, P5009, P5010, P5208, P5209, P5210, P5212, P5214, P5215, P5220s, P6080, P6240, P6280, P9012, P9212
R	Radio Shack	DMP2150, LMP2150
	Randal Data	Turnkey
	Raytheon	2180-3, 2189, 2189-3, 2189-6
	Rexon	523
	Rototype	RY-LPS 1000
S	Siemens Nixdorf	9045-10, 9045-10S, 9045-20, 9045-20S, 9045-25, 9045-40, 9045-40S, 9045-50, 9045-50S, 9045-P15, 9045-15, 9045-P30, 9045-30, 9045-60, 9045-60S
	Southwest Data Sys	SDS-300, SDS-600
	Standard Register	P150, P300, P600
	Stielow	3551, 3552, 3553
	Synergy	CI-300, CI-600
T	Taccom	300
	Tandem (Compaq)	5525, 5525B (ELP006), 5526, 5527, 5528, 5529, 5531 (ELP007), 5532 (ELP008)

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COMPATIBILITY WITH OTHER PRINTERS

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P5000 RIBBONS
	Tandy	MPP 150C
	Tempest Technology	LPM 5300XQ, LPM 5600XQ
	Texas Instruments	300/600, LP300/600, LXY-11
	TOTALe	7005P, 7005Q, 7010P, 7010Q, 7015Q, 7015QS
	Trilog	T100, T1000, T1100
U	Unisys	LP800, LP1200, UMS475, UMS475-PED, UMS500, UMS500 PED, UMS500-STK, UMS501, UMS501-PED, UMS501STK, UMS800, UMS800-PED, UMS800-STK, UMS900, UMS900-STK, UMS1000-CAB, UMS1000-PED, UMS1000-STK, UMS1200, UMS1200-STK, UMS1400-STK, UMS 1500-CAB, UMS 1500-STK
W	Wallace	150LPM, 300LPM, 600LPM, MVP
	Wang	LM400, LM700, LM900, LM600E, LM900E
	Weber Label Printer	50, 62, 63, 64, 66, 67, 68, 90
	Weber Legitronic	24699, 35114, 35187
	WW Grainger	XQ3

	BRAND	PRINTERS ONLY COMPATIBLE WITH OUR PRINTRONIX GOLD SERIES 2000 RIBBON PN 175220-001
I	IBM	6400-i020, 6400-i24 (dual hammerbank printers)
P	Printronix	P5220, P5224 (dual hammerbank printers)

	BRAND	PRINTERS COMPATIBLE WITH OUR PRINTRONIX P7000 RIBBON PN 179499-001 (Ultra-Capacity Ribbon)
O	Oki-Europe	1050, 1100, 1150, 1200

LEGACY LINE MATRIX RIBBON

Given some recent improvements and design changes in our ribbon reversing construction (ball-shot attachment), some of the oldest Printronix Printer Models may not reverse direction properly when coming to the end of the spool.

Indeed, the ribbon reversing circuitry in these models may not be sensitive enough to reliably reverse the new ribbons as they reach the end.

To ensure trouble free operation when running the following Legacy Printer Models:

MVP		
MVP150C	**L600BC**	**P6000**
MVP2	**L300BC**	**P6040**
MVP150B	**P600M**	**P6040L**
150	**P600MVP**	**P6080**
150B	**P600-MXQ**	**P6080L**
L150	**P600XQ**	**P6240**
L150BC	**P3000**	**P6240L**
P150	**P3020**	**L6280**
300	**P3040**	**P6280L**
P300	**P3040 QUIET**	**P9005**
P300M	**P3040-2CT**	**P9008**
P300MXQ	**P3040-CT**	**P9012**
P300Q	**P3240-NET**	**P9012-CT**
600	**L6040**	**P9012-IPDS**
P600		

We Recommend the General Purpose (Text/OCR) 30M Character, Legacy Printer Ribbon

Part Number - 250269-005, 6-pack
General Purpose (Text/OCR) 30M Character, Legacy Printer Ribbon
Yield: 30 million characters

This ribbon uses a more traditional ribbon leader / reversing signal design that is proven to work on all of the models listed to the left and is suitable for text, barcode, and OCR applications.

The vast majority of these older models will work with the ball-shot attachment ribbons. However, each printer varies slightly in terms of its sensitivity to the ribbon reversal signal and some of the least sensitive will fall below the requirements of the new ribbons.

The Printronix printer models P5000, P4280 and P9212 all have later generation ribbon reversing detection circuitry that will work properly with the ball-shot attachment ribbons. Users of these products need to simply keep ordering their existing ribbon part numbers.

THERMAL PRINTERS

Printronix introduced the 5r™ multitechnology thermal printing platform. The 5r™ platform, which builds upon the success of the Thermal Printer T5000e™ and the RFID Thermal Printer SL5000e™ series, further enhances the industry's first commercially available ultra-high frequency (UHF) multiprotocol radio frequency identification (RFID) printer for EPCglobal. It is designed to give users the immediate benefit of Printronix's industry-leading throughput while offering the flexibility of field upgradeability to address future technology needs.

TYPICAL THERMAL PRINTER APPLICATIONS

Typical Label Printing Applications

- Barcode labels and tags
- Shipping labels
- Shelf labels
- Point of sale labels
- Product labels

THERMAL PRINTERS : THERMALINE™ T5000r™

The Printronix T5000r™ is an industrial grade thermal bar code printer designed for high print quality and reliable operation. The perfect solution for the supply chain of industrial companies and distribution centres, it offers a wide range of features, all designed to make batch or on-demand bar code printing convenient and efficient. With its Online Data Validation of linear and PDF417 bar codes, the T5000r™ meets the industry's requirement for code reliability.

T5000r™ thermal bar code printers provide unique value to enterprise users at the point of their supply chain printing needs. These rugged, reliable, thermal bar code printers are built to last in any type of environment and enable easy bar code labelling of your products and goods. These printers are also RFID enabled for operations that want to move to smart label printing.

For further information on the T5000r™ thermal printers, please visit our website at

www.printronix.com

PRINTER OVERVIEW

Printronix T5000r™ & T5000e™ Thermal Transfer Printers

Model	Printable Width (inches)	Dots Per Inch (dpi)	Inches Per Second (ips)
T5204e/T5204r	4.1" max (104 mm)	203	10
T5204eDT/T5204rDT	4.1" max (104 mm)	203	10
T5304e/T5304r	4.1" max (104 mm)	300	8
T5304eDT/T5304rDT	4.1" max (104 mm)	300	8
T5206e/T5206r	6.6" max (168 mm)	203	10
T5306e/T5306r	6.6" max (168 mm)	300	8
T5208e/T5208r	8.5" max (216 mm)	203	8
T5308e/T5308r	8.5" max (216 mm)	300	6

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RFID PRINTERS

RFID THERMAL PRINTERS SmartLine™ SL5000r™

Based on the 5r™ Multi-Technology Platform and patented MP2 RFID Smart™ encoding technology, the SL5000r™ MP2 delivers true Gen 2 encoding designed to EPCglobal Gen 2 specifications. The MP2 is the leading encoding technology on the market today with EPCglobal Gen 2 Certified Hardware. This certification mark gives users peace of mind that the printer/encoder complies with EPCglobal standards and has been rigorously tested, assuring predictable results for RFID pilots and implementation.

The SmartLine™ family of world-class UHF RFID printing systems provides maximum versatility and flexibility for all your RFID smart™ label applications.

Through ***leadership by design*** the SL5000r™ MP2 delivers the widest multi-protocol and label choices including support for EPCglobal Class 0, 0+, 1, Gen 2 and Philips Ucode 1.19 plus industry leading performance and global frequency options.

The SL5000r™ MP2 comes in both a 4-inch and 6-inch model.

Printronix SL5000r™ Thermal Transfer Printers

Model	Printable Width (inches)	Dots Per Inch (dpi)	Inches Per Second (ips)
SL5204r	4.1" max	203	10
SL5304r	4.1" max	300	8
SL5206r	6.6" max	203	10
SL5306r	6.6" max	300	8

THERMAL SUPPLIES

HOW TO DETERMINE SUPPLY NEEDS

- **Are you printing labels or tags?**
- **Are you printing with a thermal transfer or direct thermal printer?**
- **What type of media are you printing?**
- **What size label are you printing?**
- **How many printers?**
- **How many labels are you printing per day or week?**

To maximise the benefits of the Printronix T5000r™/SL5000r™ series, we recommend using Printronix Genuine ribbons, media and consumables matched to the specific application requirements to ensure your T5000r™/SL5000r™ thermal printer is ready for all “mission-critical” applications.

The demands of bar code and labelling are unique to your specific application. The ribbons and label media selected will both play a significant role in the success or failure of these applications.

Every bar code and label application has easily definable requirements that will contribute to its ultimate utility and success. Defining the operational, environmental and physical conditions that a label will encounter during its life is the first step in ensuring success.

When your label is installed in its operating environment, it must not only have the highest possible printing quality but must also continue to function as intended for its entire lifetime.

Different ribbon ink formulations are available to support a wide selection of media materials.

- Enhanced Wax formulation for low cost per label, uncoated papers to mid-range synthetic films - this range is designed for high volume label printing and compliance label printing where cost per label is critical.
- Wax resin blends for selected paper, polyethylene and polyester labels - this range is for applications requiring a more durable image on coated paper and synthetic face stocks at higher print speeds and provides a cost effective and durable premium image solution.
- Resin formulations for increased image durability on film face stock - designed specifically for industrial “toughness” and formulated for synthetic film label applications.

THERMAL TRANSFER RIBBONS

Advantages of Thermal Transfer Ribbons

- Available in six ink formulations (black) to cover most applications.
- Available in three colours : Red (pantone 199C), Green (pantone 355C) and blue (pantone 286C) in Wide Spectrum Wax.
- Wide selection of ribbon widths to meet various application needs.

Standard available widths are:

60 mm	(2.36”)
83 mm	(3.27”)
110 mm	(4.33”)
130 mm	(5.12”)
152.4 mm	(6.00”)
171 mm	(6.73”)
220 mm	(8.66”)

- Choice of Ribbon Lengths - Available in extra long 625 metres length, longest in the industry for fewer changes (it provides a 4:1 ratio of labels to ribbon - 4 rolls of labels per ribbon) as well as standard 450 metres length.
- Optimises Print Head Life - Ribbons are specially back coated to provide maximum transfer of energy and extend the life of the Printronix T5000r™ and SL5000r™ print heads.
- Convenient Packaging - Packaged six (6) per box, each ribbon is shrink wrapped for maximum functional life.

THERMAL TRANSFER RIBBONS

THERMAL TRANSFER RIBBON OVERVIEW

Wide Spectrum Wax Ribbon 8300 - PN 203484-XXX
A resin enhanced wax providing unparalleled printhead protection, while delivering the darkest, most durable images. Printed images have an enhanced smudge and scratch resistance. This ribbon prints on a wide variety of substrates from uncoated papers to mid-range synthetic films.

PRINTRONIX guarantees you can run 4 million linear inches on your printhead provided you use PRINTRONIX 8300 Wide Spectrum Wax Ribbon. This is about 4X the industry standard!

For this guarantee to be valid, all you need to do is follow the manufacturer's recommended maintenance schedule, use manufacturer-approved media, and comply with the manufacturer's specified operating conditions.

"Food Approved" : This ribbon was analysed by German Institute ISEGA to be in conformity with the German Foodstuffs and Consumer Goods Act as goods which are predestinated to be used for producing, treating, distributing and consuming foodstuffs and which come in direct contact with foodstuffs.

Excellent general purpose ribbons for RFID printing applications.

For RFID labels specify part number: 203484-103, package of 6 ribbons (4.33" x 625 M)

Tested and certified for use with the following Printronix Media Types		
90	Label:	Uncoated paper w/ permanent acrylic adhesive
90R	Label:	Uncoated paper w/ removable adhesive
100	Label:	Coated paper w/ permanent acrylic adhesive
100R	Label:	Coated paper w/ removable adhesive
110	Label:	Premium coated paper w/ permanent acrylic adhesive
120R	Label:	Premium coated paper w/ removable adhesive
180T	Tag:	200 gsm 2 side coated paper tag

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THERMAL TRANSFER RIBBONS

Wax Resin Blend Ribbon 8500 - PN 203485-XXX

Combines excellent high speed print quality with premium durability performance on a wide range of thermal transfer coated paper and synthetic labels. Printed images have high smudge and scratch resistance. These ribbons are formulated to provide excellent print quality at the highest T5000r™/SL5000r™ print speeds.

Provides premium durability and excellent print quality on RFID label stocks.

For RFID labels specify part number: Model 8500, 203485-103, package of 6 ribbons (4.33" x 625 M)

Tested and certified for use with the following Printronix Media Types		
90	Label:	Uncoated paper w/ permanent acrylic adhesive
90R	Label:	Uncoated paper w/ removable adhesive
100	Label:	Coated paper w/ permanent acrylic adhesive
100R	Label:	Coated paper w/ removable adhesive
110	Label:	Premium coated paper w/ permanent acrylic adhesive
120R	Label:	Premium coated paper w/ removable adhesive
180T	Tag:	200 gsm 2 side coated paper tag
520	Label:	Smudge proof matt white polyethylene w/ permanent acrylic adhesive

THERMAL TRANSFER RIBBONS

Wax Resin Blend Ribbon 8550 (Europe) - PN 203713-XXX

Combines excellent high speed print quality with premium durability performance on flood coated labels and tags. Printed images have high smudge and scratch resistance. These ribbons are formulated to provide excellent print quality at the highest T5000r™/SL5000r™ print speeds.

"Food Approved" : This ribbon was analysed by German Institute ISEGA to be in conformity with the German Foodstuffs and Consumer Goods Act as goods which are predestinated to be used for producing, treating, distributing and consuming foodstuffs and which come in direct contact with foodstuffs.

Provides premium durability and excellent print quality on RFID label stocks.

For RFID labels specify part number: Model 8550, 203713-103, package of 6 ribbons (4.33" x 625 M)

Tested and certified for use with the following Printronix Media Types		
90	Label:	Uncoated paper w/ permanent acrylic adhesive
90R	Label:	Uncoated paper w/ removable adhesive
100	Label:	Coated paper w/ permanent acrylic adhesive
100R	Label:	Coated paper w/ removable adhesive
110	Label:	Premium coated paper w/ permanent acrylic adhesive
120R	Label:	Premium coated paper w/ removable adhesive
180T	Tag:	200 gsm 2 side coated paper tag
520	Label:	Smudge proof matt white polyethylene w/ permanent acrylic adhesive

THERMAL TRANSFER RIBBONS

High Performance Wax Resin Blend Ribbon 8580 - PN 250758-XXX

These ribbons are formulated to support difficult or special media (rough label stocks to high-gloss paper), especially for range of “poly” media. It can be used on coated paper, PE, PP, PET & PVC media. Provides excellent durability, superior scratch and smudge resistance. It gives durability comparable to resin ribbons on selected labels.

“Food Approved” : This ribbon was analysed by German Institute ISEGA to be in conformity with the German Foodstuffs and Consumer Goods Act as goods which are predestinated to be used for producing, treating, distributing and consuming foodstuffs and which come in direct contact with foodstuffs.

Tested and certified for use with the following Printronix Media Types		
100	Label:	Coated paper w/ permanent acrylic adhesive
100R	Label:	Coated paper w/ removable adhesive
110	Label:	Premium coated paper w/ permanent acrylic adhesive
120R	Label:	Premium coated paper w/ removable adhesive
180T	Tag:	200 gsm 2 side coated paper tag
510	Label:	88 gsm gloss white polyethylene w/ permanent acrylic adhesive
520	Label:	Smudge proof matt white polyethylene w/ permanent acrylic adhesive
700's	Label:	2.0 mil high gloss polyester w/ permanent acrylic adhesive

THERMAL TRANSFER RIBBONS

Specialty Resin Ribbon 8600 - PN 203486-XXX

Provides excellent image scuff and scratch resistance while achieving premium print quality on a wide range of synthetic and coated paper labels/tags. These ribbons provide outstanding quality on glossy surfaces.

"Food Approved" : This ribbon was analysed by German Institute ISEGA to be in conformity with the German Foodstuffs and Consumer Goods Act as goods which are predestinated to be used for producing, treating, distributing and consuming foodstuffs and which come in direct contact with foodstuffs.

Tested and certified for use with the following Printronix Media Types		
110	Label:	Premium coated paper w/ permanent acrylic adhesive
120R	Label:	Premium coated paper w/ removable adhesive
180T	Tag:	200 gsm 2 side coated paper tag
510	Label:	88 gsm gloss white polyethylene w/ permanent acrylic adhesive
520	Label:	Smudge proof matt white polyethylene w/ permanent acrylic adhesive
700's	Label:	2.0 mil high gloss polyester w/ permanent acrylic adhesive

THERMAL TRANSFER RIBBONS

Harsh Environment Resin Ribbon 8750 - PN 203712-xxx
Specifically designed for use with high-end synthetic labels.
Provides the highest heat, chemical and abrasion resistance.

"Food Approved" : This ribbon was analysed by German Institute ISEGA to be in conformity with the German Foodstuffs and Consumer Goods Act as goods which are predestinated to be used for producing, treating, distributing and consuming foodstuffs and which come in direct contact with foodstuffs.

Tested and certified for use with the following Printronix Media Types		
510	Label:	88 gsm gloss white polyethylene w/ permanent acrylic adhesive
700's	Label:	2.0 mil high gloss polyester w/ permanent acrylic adhesive

Harsh Chemical Resin Ribbon 8770 - PN 179390-xxx
Provides excellent heat, chemical and abrasion resistance.
Resistance to harsh chemicals and solvents.
Designed for synthetic label/tag stocks and qualified automotive labels; meets GM 6121M Suffix B requirements; listed for UL applications.
Ideal for chemical drum labelling, automotive under hood, clinical laboratory labelling and high heat resistant labels.

"Food Approved" : This ribbon was analysed by German Institute ISEGA to be in conformity with the German Foodstuffs and Consumer Goods Act as goods which are predestinated to be used for producing, treating, distributing and consuming foodstuffs and which come in direct contact with foodstuffs.

Tested and certified for use with the following Printronix Media Types		
510	Label:	88 gsm gloss white polyethylene w/ permanent acrylic adhesive
700's	Label:	2.0 mil high gloss polyester w/ permanent acrylic adhesive

THERMAL TRANSFER MEDIA

Thermal Transfer Technology : applies heat to a ribbon and the image or barcode is then transferred to labels or tags. Compared to the Direct Thermal technology, the Thermal Transfer Technology produces a higher quality, longer lasting image on the tag or label.

For the best image quality and durability, it is important that the ribbon type and media are compatible. The following chart illustrates the combinations of Printronix ribbons and media that will produce the best results.

Ribbon/Media Compatibility Chart

		Media Model									
		90	**90R**	**100**	**100R**	**110**	**120R**	**180T**	**510**	**520**	**700's**
Ribbon Model	8300	X	X	X	X	X	X	X			
	8500	X	X	X	X	X	X	X		X	
	8550	X	X	X	X	X	X	X		X	
	8580			X	X	X	X	X	X	X	X
	8600					X	X	X	X	X	X
	8750								X		X
	8770								X		X

Media 90: uncoated paper label with permanent acrylic adhesive (Advised Ribbons : 8300, 8500 and 8550).

Qualified for all Printronix thermal printers. Typical applications include: General purpose labels, compliance labelling, shipping, general warehouse address, AIAG, ODETTE, UCC/EAN, LOGMARS, product ID, hardware parts supply.

Media 90R: uncoated paper label with removable adhesive (Advised Ribbons : 8300, 8500 and 8550).

Qualified for all Printronix thermal printers. Typical applications include: Temporary product ID, pricing, point of sale and shelf marking labels that can be cleanly removed.

Media 100: coated paper label with permanent acrylic adhesive (Advised Ribbons : 8300, 8500, 8550 and 8580).

Qualified for all Printronix thermal printers.
Typical applications include: general purpose labels, compliance labelling, shipping, general warehouse, address, AIAG, ODETTE, UCC/EAN, LOGMARS, product ID, hardware parts supply.

Media 100R: coated paper label with removable adhesive (Advised Ribbons : 8300, 8500, 8550 and 8580).

Qualified for all Printronix thermal printers. Typical applications include: temporary product ID, pricing, shipping, point of sale and shelf marking labels that can be cleanly removed.

THERMAL TRANSFER MEDIA

Media 110: premium coated paper label with permanent acrylic adhesive (Advised Ribbons : 8300, 8500, 8550, 8580 and 8600).

Qualified for all Printronix thermal transfer printers. Typical applications include: compliance labelling, shipping, general warehouse, address labels, AIAG, LOGMARS, product & part ID labels, hardware parts supply and all general barcode applications.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 0˚C	-20˚C to 80˚C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	2	5	5	6	5

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 120R: premium coated paper label with removable adhesive (Advised Ribbons : 8300, 8500, 8550, 8580 and 8600).

Qualified for all Printronix thermal transfer printers. Typical applications include: temporary product ID, pricing, point of sale, and shelf marking labels which can be cleanly removed.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	3	above -5°C	-20°C to 70°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	2	5	5	6	5

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

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THERMAL TRANSFER MEDIA

Media 180T: 200 gsm 2 side coated paper tag (Advised Ribbons : 8300, 8500, 8550, 8580 and 8600).

Qualified for all Printronix thermal transfer printers. Typical applications include: retail hangtag, warehouse bin and pouch inserts, inventory control, work in process, product & part ID, and general-purpose tag.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
NA	NA	NA	NA	NA	NA

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	2	5	2	2	5

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 510: 88 gsm gloss white polyethylene label with permanent acrylic adhesive (Advised Ribbons : 8580, 8600, 8750 and 8770).

Qualified for all Printronix thermal transfer printers. Typical applications include: durable satin finish for chemical pails and drums, general outdoor and industrial use.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 0°C	-40°C to 90°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	1	1	2	1	2

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

THERMAL TRANSFER MEDIA

Media 520: 75 gsm matt white polyethylene label with permanent acrylic adhesive (Advised Ribbons : 8500, 8550, 8580 and 8600).

Qualified for all Printronix thermal transfer printers. Typical applications include: outdoor exposures, especially chemical drums.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 2°C	-40°C to 70°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	1	1	2	1	2

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4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 700's: 2.0 mil (50 micron) top coated high gloss polyester label with permanent acrylic adhesive (Advised Ribbons: 8580, 8600, 8750 and 8770).

Qualified for all Printronix thermal transfer printers. Typical applications include: UL/CSA compliant nameplate, harsh environment and laboratory labels.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 10°C	-40°C to 150°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	1	1	1	1	1

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

DIRECT THERMAL MEDIA

Direct Thermal: Applies heat directly to specially treated paper, labels or tags to form the image or barcode. This technology is common in Fax systems, adding machines and point of sale cash register tapes.

Media 210: direct thermal economy paper label with permanent acrylic adhesive.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: short life delicatessen, grocery, shipping and packaging, work in process labels, general warehouse, short life address & ID labels.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 0°C	-20°C to 50°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 210R: direct thermal economy paper label with removable acrylic adhesive.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: temporary short life delicatessen, grocery, shipping, and work in process labels that can be cleanly removed.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above -15°C	-30°C to 50°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

DIRECT THERMAL MEDIA

Media 220: direct thermal top and back coated paper label with permanent acrylic adhesive.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: compliance shipping, general warehouse, address, AIAG, LOGMARS, and product ID labels.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 0°C	-20°C to 50°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 220R: direct thermal top and back coated paper label with removable acrylic adhesive.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: temporary compliance shipping, general warehouse, address, AIAG, LOGMARS, and product ID labels which can be cleanly removed.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above -15°C	-30°C to 50°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

DIRECT THERMAL MEDIA

Media 270: Direct thermal top coated IR paper label with x-permanent acrylic adhesive, infra readable up to 900 Nm.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: infra-red scannability for overnight shipping and grocery environments.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	above 0°C	-10°C to 70°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 280T: 167 gsm direct thermal ECO paper tag.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: economical ticket and tag stock for general retail and industrial use.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
NA	NA	NA	NA	NA	NA

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

DIRECT THERMAL MEDIA

Media 290T: 185 gsm Direct Thermal Top coated paper tag.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: economical ticket and tag stock for general retail and industrial use.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
NA	NA	NA	NA	NA	NA

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	5	6	6	6

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

Media 410: 90 gsm direct thermal matt white polyethylene label with x-permanent acrylic adhesive.

Qualified for all Printronix direct thermal and thermal transfer printers. Typical applications include: baggage tags, pallet labels (excellent moisture resistance and tear strength), also suitable for frozen foods.

ADHESION*				TEMPERATURE	
Corrugated	Metal/Glass	Plastic	Paper	Minimum Application	Operating Range
1	1	1	1	-5°C	-20°C to 50°C

ENVIRONMENT*					
Indoor	Outdoor UV	Outdoor Moisture	Heat	Chemical	Abrasion
1	4	1	6	2	2

*1 = Excellent, Recommended / 2 = Good for this category / 3 = Test
4 = Background darkens / 5 = Minimal exposure / 6 = Not suitable

THERMAL SUPPLIES QUESTIONS & ANSWERS

"How do I determine the correct ribbon for a specific application?"

The intended application drives ribbon selection. Thorough testing under operational conditions of the ribbon and media that you have selected, is highly recommended in order to ensure the requirements of the application are met. This precautionary procedure will not only confirm the validity of your ribbon and media selections, but also assist in identifying any unanticipated production, handling, and usage difficulties before they can affect the performance and effectiveness of your application. Testing of label adhesion, durability, and resistance to expected environmental conditions before implementation will ensure effective and economical system implementation.

"Why do Printronix ribbons sometimes cost more than other brands?"

Printronix thermal transfer ribbons use the latest advancements in formulation and manufacturing to provide outstanding performance at competitive price points.

Do not be fooled by comparing the price per roll of Printronix Thermal Transfer ribbon with a competitive ribbon. Each Printronix Thermal Transfer ribbon is longer, so you are comparing more with less (625 metres Printronix Thermal Transfer ribbons vs. shorter competitive ribbons).

The Thermal Transfer ribbon is designed to increase your manufacturing productivity and reduce your operating costs. The T5000r™ and SL5000r™ use the longest ribbon in the industry for a standard bar code printer. You save money with fewer ribbon changes. For example, if your current printer is using a 450 metres ribbon you will reduce ribbon changing labour costs of 28%! In addition, your printer will have more 'up time'. The labour cost reduction is even greater (42%) if you are currently using a 360 metres ribbon.

That is only part of the story. The best way to compare basic ribbon cost is to calculate the ribbon cost per square metre (m^2).

THERMAL SUPPLIES QUESTIONS & ANSWERS

"How do I compare ribbon costs?"

The best way to compare basic ribbon cost is to calculate the ribbon cost per square metre (m^2). This simple calculation allows a comparison of the basic ribbon cost using the area of the ribbon.

The area of the ribbon is equal to width (in mm) multiplied by length (in metres).

M^2 = the total square metre area of the ribbon.

For example, a 220 mm (8.66") wide Printronix Thermal Transfer ribbon and 625 metres long.
Total area (0.220 wide x 625 metres) is equal to 137.50 m^2.
Ribbon roll price/137.50 m^2 = ribbon price per m^2.

Printronix Thermal Transfer ribbons are longer (625 metres) than competitive ribbons, which length is 450 metres.

"How many labels per ribbon will the Printronix Thermal Transfer ribbon yield?"

The Printronix Thermal Transfer ribbon is 625 metres in length.
625 metres = 625,000 mm or 24,612" in length.
For a typical 6" (152 mm) wide by 4" (102 mm) long label, a total of 5,966 labels can be printed.
4.00" long label plus 1/8" gap = 4.125" label length.
Labels per ribbon = ribbon length/label length = 24,612/4.125 = 5,966 labels.
(Labels per ribbon = ribbon length in mm/Label height in mm = Labels numbers)

"How do I compare the consumables cost of ownership?"

Consumables cost of ownership for thermal transfer printers is based on printhead and ribbon consumption. T5000r™/SL5000r™ printhead life is rated at 1,000,000 linear inches of direct thermal media and 2,000,000 linear inches thermal transfer printing. Each Printronix Thermal Transfer ribbon prints 24,612 inches of media.

THERMAL SUPPLIES QUESTIONS & ANSWERS

"How do I specify media?"

To help select media consider the following questions:

- Have you already selected a printing technology (Direct Thermal or Thermal Transfer)?
- How long must your label last? (Film labels last longer than paper labels.)
- What level of abrasion from handling or scanning is anticipated?
  (Wax/Resin blend ribbons increase resistance to abrasion. Extreme abrasion will require a tough face stock.)
- Is the label intended for indoor or outdoor use or both?
  (Film labels are best for outdoor applications, paper degrades in sunlight.)
- If outdoor use, is it a short or extended exposure?
- What is the level of moisture or humidity that your label will experience?
  (Coated paper labels can withstand minimal exposure to moisture.)
- What temperatures must be withstood during the application or use of the label?
  (Paper labels work in same temperature as people. Otherwise, use film labels for wider temperature ranges.)
- What if high durability and tear resistance are desired?
  (Polyester labels provide highest durability and tear resistance.)
- What is the media format required (adhesive backed label or free hanging tag/ticket)?
- What are the surface characteristics of the product or item to be labelled?
  (Important for determining if a special adhesive is required.)
- Is the label intended to be permanent or removable? (Removable labels use a special adhesive.)
- Is a temper-evident material necessary? (Niche applications require special label construction.)
- Is chemical, oil, blood, or solvent resistance necessary? (Requires use of film label materials.)

THERMAL SUPPLIES QUESTIONS & ANSWERS

"How do I get a quote for media?"

Simply provide the following information to your Printronix Supplies Representative (see page 2):

- Label face stock (determined by asking questions outlined in "How do I specify media?" question on previous page).
- Label construction: pressure sensitive or tag; perforation between each label; notch or printed 'top of form' mark; and any other special considerations.
- Label size (width x height).
- Label configuration: on Roll or fan folded.
- Preprinted information or background colour.
- Expected volume - annual, monthly, etc.
- Target price - current price points, etc.

Turnaround time on price quotes is usually less than 48 hours. Having all the label information will speed up the quoting process.

Thermal Transfer Printheads

Printheads warranty:

Printheads with Thermal Transfer application = 180 days or 50 Km (2 Million inches) whichever comes first.

PRINTRONIX guarantees you can run 4 million linear inches on your printhead provided you use PRINTRONIX 8300 Wide Spectrum Wax Ribbons.

For this guarantee to be valid, all you need to do is follow the manufacturer's recommended maintenance schedule, use manufacturer-approved media, and comply with the manufacturer's specified operating conditions.

Printheads with Direct Transfer application = 180 days or 25 Km (1 Million inches) whichever comes first.

THERMAL QUICK REFERENCE

By Printronix Model Number

T5204e, T5204r, T5304e, T5304r, SL5204r & SL5304r Thermal Transfer Ribbons

Print Speed T5204e, T5204r & SL5204r 10 inches per second
Print Speed T5304e, T5304r & SL5304r 8 inches per second
Usage Label and tag up to 4.5" wide

T5204e Printhead*, 203 dpi	251243-001
T5304e Printhead*, 300 dpi	251244-001
T5204r Printhead*, 203 dpi	251011-001
T5304r Printhead*, 300 dpi	251012-001
SL5204r Printhead, 203 dpi RFID	251011-001
SL5304r Printhead, 300 dpi RFID	251012-001
Printhead Cleaning Pen (box of 12)	203502-002

* The T5X04e printheads can not be used on T5X04r printers and vice-versa.

Description (box of 6 ribbons)	Part No.
Economy Wax Ribbon 8300 - Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	203484-001
Width: 3.27 inches (83 mm)	203484-002
Width: 4.33 inches (110 mm)	203484-003
Economy Wax Ribbon 8300 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203484-101
Width: 3.27 inches (83 mm)	203484-102
Width: 4.33 inches (110 mm)	203484-103
Wax Resin Blend Ribbon 8500 - Length 1,476 ft (450 m)	
Width: 4.33 inches (110 mm)	203485-003
Wax Resin Blend Ribbon 8500 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203485-101
Width: 3.27 inches (83 mm)	203485-102
Width: 4.33 inches (110 mm)	203485-103

Wax Resin Blend Ribbon 8550 - Length 1,476 ft (450 m)	
Width: 4.33 inches (110 mm)	203713-003
Wax Resin Blend Ribbon 8550 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203713-101
Width: 3.27 inches (83 mm)	203713-102
Width: 4.33 inches (110 mm)	203713-103
High Performance Wax Resin Blend Ribbon 8580 - Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	250758-501
Width: 3.27 inches (83 mm)	250758-502
Width: 4.33 inches (110 mm)	250758-503

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THERMAL QUICK REFERENCE

T5204e, T5204r, T5304e, T5304r, SL5204r & SL5304r Thermal Transfer Ribbons (continued)

High Performance Wax Resin Blend Ribbon 8580 - Length 2,051 ft (625 m)

Width: 2.36 inches (60 mm)	250758-001
Width: 3.27 inches (83 mm)	250758-002
Width: 4.33 inches (110 mm)	250758-003

Specialty Resin Ribbon 8600 - Length 2,051 ft (625 m)

Width: 2.36 inches (60 mm)	203486-101
Width: 3.27 inches (83 mm)	203486-102
Width: 4.33 inches (110 mm)	203486-103

Harsh Environment Resin Ribbon 8750 - Length 2,051 ft (625 m)

Width: 2.36 inches (60 mm)	203712-101
Width: 3.27 inches (83 mm)	203712-102
Width: 4.33 inches (110 mm)	203712-103

Harsh Chemical Resin Ribbon 8770 - Length 1,476 ft (450 m)

Width: 2.36 inches (60 mm)	179390-001
Width: 3.27 inches (83 mm)	179390-002
Width: 4.33 inches (110 mm)	179390-003

Harsh Chemical Resin Ribbon 8770 - Length 2,051 ft (625 m)

Width: 2.36 inches (60 mm)	179390-101
Width: 3.27 inches (83 mm)	179390-102
Width: 4.33 inches (110 mm)	179390-103

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THERMAL QUICK REFERENCE

T5206e, T5206r, T5306e, T5306r, SL5206r & SL5306r Thermal Transfer Ribbons

Print Speed T5206e, T5206r & SL5206r 10 inches per second
Print Speed T5306e, T5306r & SL5306r 8 inches per second
Usage Label and tag up to 6.8" wide

T5206e/T5206r Printhead, 203 dpi	251235-001
T5306e/T5306r Printhead, 300 dpi	251236-001
SL5206r Printhead, 203 dpi, RFID	251237-001
SL5306r Printhead, 300 dpi RFID	251238-001
Printhead Cleaning Pen (box of 12)	203502-002

Description (box of 6 ribbons)	Part No.
Economy Wax Ribbon 8300 - Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	203484-001
Width: 3.27 inches (83 mm)	203484-002
Width: 4.33 inches (110 mm)	203484-003
Width: 5.12 inches (130 mm)	203484-004
Width: 6.00 inches (152.4 mm)	203484-005
Width: 6.73 inches (171 mm)	203484-006
Economy Wax Ribbon 8300 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203484-101
Width: 3.27 inches (83 mm)	203484-102
Width: 4.33 inches (110 mm)	203484-103
Width: 5.12 inches (130 mm)	203484-104
Width: 6.00 inches (152.4 mm)	203484-105
Width: 6.73 inches (171 mm)	203484-106
Wax Resin Blend Ribbon 8500 - Length 1,476 ft (450 m)	
Width: 4.33 inches (110 mm)	203485-003
Width: 5.12 inches (130 mm)	203485-004
Width: 6.00 inches (152.4 mm)	203485-005
Width: 6.73 inches (171 mm)	203485-006
Wax Resin Blend Ribbon 8500 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203485-101
Width: 3.27 inches (83 mm)	203485-102
Width: 4.33 inches (110 mm)	203485-103
Width: 5.12 inches (130 mm)	203485-104
Width: 6.00 inches (152.4 mm)	203485-105
Width: 6.73 inches (171 mm)	203485-106
Wax Resin Blend Ribbon 8550 - Length 1,476 ft (450 m)	
Width: 4.33 inches (110 mm)	203713-003
Width: 5.12 inches (130 mm)	203713-004
Width: 6.00 inches (152.4 mm)	203713-005
Width: 6.73 inches (171 mm)	203713-006

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THERMAL QUICK REFERENCE

T5206e, T5206r, T5306e, T5306r, SL5206r & SL5306r Thermal Transfer Ribbons (continued)

Description (box of 6 ribbons)	Part No.
Wax Resin Blend Ribbon 8550 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203713-101
Width: 3.27 inches (83 mm)	203713-102
Width: 4.33 inches (110 mm)	203713-103
Width: 5.12 inches (130 mm)	203713-104
Width: 6.00 inches (152.4 mm)	203713-105
Width: 6.73 inches (171 mm)	203713-106
High Performance Wax Resin Blend Ribbon 8580 - Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	250758-501
Width: 3.27 inches (83 mm)	250758-502
Width: 4.33 inches (110 mm)	250758-503
Width: 5.12 inches (130 mm)	250758-504
Width: 6.00 inches (152.4 mm)	250758-505
Width: 6.73 inches (171 mm)	250758-506
High Performance Wax Resin Blend Ribbon 8580 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	250758-001
Width: 3.27 inches (83 mm)	250758-002
Width: 4.33 inches (110 mm)	250758-003
Width: 5.12 inches (130 mm)	250758-004
Width: 6.00 inches (152.4 mm)	250758-005
Width: 6.73 inches (171 mm)	250758-006

Specialty Resin Ribbon 8600 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203486-101
Width: 3.27 inches (83 mm)	203486-102
Width: 4.33 inches (110 mm)	203486-103
Width: 5.12 inches (130 mm)	203486-104
Width: 6.00 inches (152.4 mm)	203486-105
Width: 6.73 inches (171 mm)	203486-106
Harsh Environment Resin Ribbon 8750 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203712-101
Width: 3.27 inches (83 mm)	203712-102
Width: 4.33 inches (110 mm)	203712-103
Width: 5.12 inches (130 mm)	203712-104
Width: 6.00 inches (152.4 mm)	203712-105
Width: 6.73 inches (171 mm)	203712-106
Harsh Chemical Resin Ribbon 8770 -Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	179390-001
Width: 3.27 inches (83 mm)	179390-002
Width: 4.33 inches (110 mm)	179390-003
Width: 5.12 inches (130 mm)	179390-004
Width: 6.00 inches (152.4 mm)	179390-005
Width: 6.73 inches (171 mm)	179390-006
Harsh Chemical Resin Ribbon 8770 -Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	179390-101
Width: 3.27 inches (83 mm)	179390-102
Width: 4.33 inches (110 mm)	179390-103
Width: 5.12 inches (130 mm)	179390-104
Width: 6.00 inches (152.4 mm)	179390-105
Width: 6.73 inches (171 mm)	179390-106

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THERMAL QUICK REFERENCE

T5208e, T5208r, T5308e & T5308r Thermal Transfer Ribbons

Print Speed T5208e, T5208r 8 inches per second
Print Speed T5308e, T5308r 6 inches per second
Usage Label and tag up to 8.75" wide

T5208e/T5208r Printhead, 203 dpi	251239-001
T5308e/T5308r Printhead, 300 dpi	251240-001
Printhead Cleaning Pen (box of 12)	203502-002

Description (box of 6 ribbons)	Part No.
Economy Wax Ribbon 8300 - Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	203484-001
Width: 3.27 inches (83 mm)	203484-002
Width: 4.33 inches (110 mm)	203484-003
Width: 5.12 inches (130 mm)	203484-004
Width: 6.00 inches (152.4 mm)	203484-005
Width: 6.73 inches (171 mm)	203484-006
Width: 8.66 inches (220 mm)	203484-007
Economy Wax Ribbon 8300 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203484-101
Width: 3.27 inches (83 mm)	203484-102
Width: 4.33 inches (110 mm)	203484-103
Width: 5.12 inches (130 mm)	203484-104
Width: 6.00 inches (152.4 mm)	203484-105
Width: 6.73 inches (171 mm)	203484-106
Width: 8.66 inches (220 mm)	203484-107

Wax Resin Blend Ribbon 8500 - Length 1,476 ft (450 m)	
Width: 4.33 inches (110 mm)	203485-003
Width: 5.12 inches (130 mm)	203485-004
Width: 6.00 inches (152.4 mm)	203485-005
Width: 6.73 inches (171 mm)	203485-006
Wax Resin Blend Ribbon 8500 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203485-101
Width: 3.27 inches (83 mm)	203485-102
Width: 4.33 inches (110 mm)	203485-103
Width: 5.12 inches (130 mm)	203485-104
Width: 6.00 inches (152.4 mm)	203485-105
Width: 6.73 inches (171 mm)	203485-106
Width: 8.66 inches (220 mm)	203485-107

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THERMAL QUICK REFERENCE

T5208e, T5208r, T5308e & T5308r Thermal Transfer Ribbons (continued)

Description (box of 6 ribbons)	Part No.
Wax Resin Blend Ribbon 8550 - Length 1,476 ft (450 m)	
Width: 4.33 inches (110 mm)	203713-003
Width: 5.12 inches (130 mm)	203713-004
Width: 6.00 inches (152.4 mm)	203713-005
Width: 6.73 inches (171 mm)	203713-006
Wax Resin Blend Ribbon 8550 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203713-101
Width: 3.27 inches (83 mm)	203713-102
Width: 4.33 inches (110 mm)	203713-103
Width: 5.12 inches (130 mm)	203713-104
Width: 6.00 inches (152.4 mm)	203713-105
Width: 6.73 inches (171 mm)	203713-106
Width: 8.66 inches (220 mm)	203713-107
High Performance Wax Resin Blend Ribbon 8580 - Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	250758-501
Width: 3.27 inches (83 mm)	250758-502
Width: 4.33 inches (110 mm)	250758-503
Width: 5.12 inches (130 mm)	250758-504
Width: 6.00 inches (152.4 mm)	250758-505
Width: 6.73 inches (171 mm)	250758-506
Width: 8.66 inches (220 mm)	250758-507
High Performance Wax Resin Blend Ribbon 8580 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	250758-001
Width: 3.27 inches (83 mm)	250758-002
Width: 4.33 inches (110 mm)	250758-003
Width: 5.12 inches (130 mm)	250758-004
Width: 6.00 inches (152.4 mm)	250758-005
Width: 6.73 inches (171 mm)	250758-006
Width: 8.66 inches (220 mm)	250758-007

Specialty Resin Ribbon 8600 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203486-101
Width: 3.27 inches (83 mm)	203486-102
Width: 4.33 inches (110 mm)	203486-103
Width: 5.12 inches (130 mm)	203486-104
Width: 6.00 inches (152.4 mm)	203486-105
Width: 6.73 inches (171 mm)	203486-106
Width: 8.66 inches (220 mm)	203486-107
Harsh Environment Resin Ribbon 8750 - Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	203712-101
Width: 3.27 inches (83 mm)	203712-102
Width: 4.33 inches (110 mm)	203712-103
Width: 5.12 inches (130 mm)	203712-104
Width: 6.00 inches (152.4 mm)	203712-105
Width: 6.73 inches (171 mm)	203712-106
Width: 8.66 inches (220 mm)	203712-107
Harsh Chemical Resin Ribbon 8770 -Length 1,476 ft (450 m)	
Width: 2.36 inches (60 mm)	179390-001
Width: 3.27 inches (83 mm)	179390-002
Width: 4.33 inches (110 mm)	179390-003
Width: 5.12 inches (130 mm)	179390-004
Width: 6.00 inches (152.4 mm)	179390-005
Width: 6.73 inches (171 mm)	179390-006
Width: 8.66 inches (220 mm)	179390-007
Harsh Chemical Resin Ribbon 8770 -Length 2,051 ft (625 m)	
Width: 2.36 inches (60 mm)	179390-101
Width: 3.27 inches (83 mm)	179390-102
Width: 4.33 inches (110 mm)	179390-103
Width: 5.12 inches (130 mm)	179390-104
Width: 6.00 inches (152.4 mm)	179390-105
Width: 6.73 inches (171 mm)	179390-106
Width: 8.66 inches (220 mm)	179390-107

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THERMAL QUICK REFERENCE

COMPATIBLE PRINTER CHART

Genuine Printronix Thermal Transfer Ribbons are fully compatible and interchangeable with many thermal printers from other distributors and manufacturers. Even if you don't have a Printronix printer, you can still benefit from the recognised image quality and reliability of Genuine Printronix ribbons. All Genuine Printronix ribbons are designed and manufactured to provide you with maximum print quality and cost effective operation while protecting the value of your printer investment.

	BRAND	THERMAL PRINTERS COMPATIBLE WITH OUR PRINTRONIX THERMAL TRANSFER RIBBONS		
		4 inches models	6 inches models	8 inches models
G	Genicom	T6541, T6541-H	T6561, T6561-H	T6581, T6581H
I	IBM	4400-004, 6700-R40	4400-006, 6700-R60	4400-008, 6700-R80
M	Memorex Telex (Mtx/Visara)	5204, 5304	5206, 5306	5208, 5308
S	Symbol	TPS5204, TPS5304 PT5046-04A, PT5046-04B	TPS5206, TPS5306 PT5046-06A, PT5046-06B	TPS5208, TPS5308 PT5046-08A, PT5046-08B

THERMAL QUICK REFERENCE

T4204 & T2204 Thermal Transfer Ribbons (Ink outside)

Print Speed T4204 & T2204 6 inches per second
Usage Labels and tags up to 4.5" wide

T4204 Printhead, 4.09", 203 dpi	136881-001
T2204 Printhead, 4.09", 203 dpi	136696-012
Printhead Cleaning Pen (box of 12)	203502-002

Description (single ribbon)	Part No.
Economy Wax Ribbon 5200 - Length 1,181 ft (360 m)	
Width: 2.36 inches (60 mm)	750399-503
Width: 3.15 inches (80 mm)	750399-504
Width: 4.33 inches (110 mm)	750399-505
Prime Wax Ribbon 5400 - Length 1,181 ft (360m)	
Width: 1.00 inches (25 mm)	750371-501
Width: 1.57 inches (40 mm)	750371-502
Width: 2.36 inches (60 mm)	750371-503
Width: 3.15 inches (80 mm)	750371-504
Width: 4.33 inches (110 mm)	750371-505

Description (box of 10)	Part No.
Textile Thermal Transfer Ribbon 5400 - Length 300 m	
Width: 1.18 inches (30 mm)	203805-002
Width: 2.36 inches (60 mm)	203805-003
Width: 3.15 inches (80 mm)	203805-004

T3000 Thermal Transfer Ribbons (Ink inside)

Print Speed T3308 5 inches per second
Usage Labels and tags up to 8.75" wide
Print Speed T3306 8 inches per second
Usage Labels and tags up to 6.7" wide
Print Speed T3204 6 inches per second
Usage Labels and tags up to 4.5" wide

T3204 Printhead, 4.1", 203 dpi	750057-340
T3306 Printhead, 6.4", 300 dpi	750057-082
T3308 Printhead, 8.5", 300 dpi	750057-047
Printhead Cleaning Pen (box of 12)	203502-002

Description (single ribbon)	Part No.
Economy Wax Ribbon 6200 - Length 1,476 ft (450 m)	
Width: 3.15 inches (80 mm)	750401-504
Width: 4.33 inches (110 mm)	750401-505
Width: 5.12 inches (130 mm)	750401-506
Width: 6.00 inches (152.4 mm)	750401-507
Width: 6.50 inches (165 mm)	750401-508
Width: 8.50 inches (216 mm)	750401-509
Prime Wax Ribbon 6400 - Length 1,476 ft (450 m)	
Width: 3.15 inches (80 mm)	750373-504
Width: 4.33 inches (110 mm)	750373-505
Width: 5.12 inches (130 mm)	750373-506
Width: 6.00 inches (152.4 mm)	750373-507
Width: 6.50 inches (165 mm)	750373-508
Width: 8.50 inches (216 mm)	750373-509

T1006 Thermal Transfer Ribbons - No longer available

Print Speed T1006 6 inches per second
Usage Labels and tags up to 6.4" wide

T1006 Printhead, 203 dpi	703740-014
Printhead Cleaning Pen (box of 12)	203502-002

RFID SMART™ LABELS

RFID labels used in a RFID printer are a critical element of the RFID printer system. Label design, specifications and selection are of the utmost importance. Printronix, with its years of experience in design of printers and their applications, has developed certified RFID labels that maximise the performance of your Printronix RFID printer and label yield.

Printronix Smart™ Labels combine the technology of thermal-transfer pressure-sensitive labels with Radio Frequency Identification (RFID) tags. The pressure sensitive label has an embedded RFID tag. The RFID tag is a microchip attached to an antenna and uses a write and read technology.

We have gone to great lengths to ensure that our RFID Smart™ Labels - with their many different sizes and antenna configurations - provide the finest RF performance possible when used with our RFID SmartLine™ Printers. The labels are manufactured to demanding specifications and quality tested to assure best performance.

By combining Printronix certified labels with Printronix printers, you have the benefit of one number to call for any print and encode system resolution. When you use Printronix Certified RFID Smart™ Labels you have the full backing of Printronix...Printronix guarantees Printronix Certified RFID Labels can be printed and encoded on Printronix printers.

The RFID Smart™ Label print surface employs the printing characteristics of Printronix Media 110 premium coated paper for thermal transfer printing. For an excellent print quality, we recommend Printronix Wax Resin Blend Thermal Transfer Ribbons 8500 and 8550 (for Europe). These ribbons are formulated to provide excellent high speed print quality with premium durability performance on Printronix Certified RFID Smart™ Labels.

Use of Genuine Printronix Thermal Transfer Ribbons will ensure optimum print and bar code quality, consistent imaging and extended life of the printhead.

RFiD (((SMART)))™

RFID SMART™ LABELS CERTIFIED BY PRINTRONIX

Certified Printronix RFID Smart™ Labels available from Printronix for SmartLine™ Printers and RFID Printer Applicators are all "100% Tested Good" at time of shipment.

LABEL ANTENNA*	MEDIA	LABEL SIZES	# OF LABELS PER ROLL	PERFORATION BETWEEN LABELS	CONFIGURATION	PRINTRONIX ORDERING NUMBER
EPC UHF CLASS 1 GEN 2, 860 TO 960 MHZ, 96 BITS (READ/WRITE)						
TI Dallas MP2	110 RFID Premium Coated Paper All temperature Adhesive	4" x 2"	1,000	Yes	Roll	250091-001
		4" x 4"	750	Yes	Roll	250091-002
		4" x 6"	500	Yes	Roll	250091-003
		6" x 4"	1,500	Yes	Roll	250091-004
		6" x 8"	800	Yes	Roll	250091-005
		4" x 2"	500	No	Roll	250091-401
		4" x 2" TS	500	No	Roll	250091-403

* Thermal Transfer unless otherwise noted.

TS: Trailing Space (label layout that will increase the throughput of the SLPA™ print and apply equipment). This label construction has a wider gap between labels.

RFID SMART™ LABELS CERTIFIED BY PRINTRONIX

LABEL ANTENNA*	MEDIA	LABEL SIZES	# OF LABELS PER ROLL	PERFORATION BETWEEN LABELS	CONFIGURATION	PRINTRONIX ORDERING NUMBER
EPC UHF CLASS 1 GEN 2, 860 TO 960 MHZ, 96 BITS (READ/WRITE)						
Alien Gen 2 Squiggle MP2 & MP	110 RFID Premium Coated Paper All temperature Adhesive	4" x 2" MP2 only	1,000	Yes	Roll	250374-001
		4" x 2" TS	1,000	Yes	Roll	250374-101
		4" x 4"	750	Yes	Roll	250374-002
		4" x 6"	500	Yes	Roll	250374-003
		6" x 4"	1,500	Yes	Roll	250374-004
		6" x 8"	800	Yes	Roll	250374-005
		4" x 2"	500	No	Roll	250374-401
		4" x 2" TS	500	No	Roll	250374-403
EPC UHF CLASS 1 GEN 2, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)						
Avery AD-220 MP2 & MP	110 RFID Premium Coated Paper All temperature Adhesive	4" x 2"	1,000	Yes	Roll	250266-001
		4" x 4"	750	Yes	Roll	250266-002
		4" x 6"	500	Yes	Roll	250266-003
		6" x 4"	1,500	Yes	Roll	250266-004
		6" x 8"	800	Yes	Roll	250266-005
		4" x 2"	500	No	Roll	250266-401
		4" x 2" TS	500	No	Roll	250266-403
Rafsec Gen 2 Short Dipole MP2	110 RFID Premium Coated Paper All temperature Adhesive	4" x 2"	1,000	Yes	Roll	250514-001
		4" x 4"	750	Yes	Roll	250514-002
		4" x 6"	500	Yes	Roll	250514-003
		6" x 4"	1,500	Yes	Roll	250514-004
		6" x 8"	800	Yes	Roll	250514-005
		4" x 2"	500	No	Roll	250514-401
		4" x 2" TS	500	No	Roll	250514-403

* Thermal Transfer unless otherwise noted.

TS: Trailing Space (label layout that will increase the throughput of the SLPA™ print and apply equipment). This label construction has a wider gap between labels.

RFID SMART™ LABELS CERTIFIED BY PRINTRONIX

LABEL ANTENNA*	MEDIA	LABEL SIZES	# OF LABELS PER ROLL	PERFORATION BETWEEN LABELS	CONFIGURATION	PRINTRONIX ORDERING NUMBER
INFORMATION BELOW FOR EUROPEAN APPLICATIONS						
EPC UHF CLASS 1 GEN 1, 869.525 MHZ NOMINAL, 96 BITS (READ/WRITE)						
Squiggle MP2 & MP	110 RFID All temp. adh.	4" x 2"	1,000	Yes	Roll	250135-001
		4" x 6"	500	Yes	Roll	250135-003
PHILIPS UCODE 1.19, 869.525 MHZ NOMINAL, 96 BITS (READ/WRITE)						
PH60 MP2 & MP	110 RFID All temp. adh.	4" x 2"	500	No	Roll	205224-001
		4" x 6"	500	No	Roll	205224-003
Rafsec 450 MP2 & MP	110 RFID All temp. adh.	3" x 3"	500	No	Roll	178891-501
		3" x 3"	1,000	No	Roll	178891-001

* Thermal Transfer unless otherwise noted.

TS: Trailing Space (label layout that will increase the throughput of the SLPA™ print and apply equipment). This label construction has a wider gap between labels.

RFID SMART™ LABEL SPECIFICATIONS

Printronix SmartLine™ RFID printers support the widest selection of RFID tags in the industry. This allows you to use a single platform to support the various applications and requirements for RFID labelling in your logistics supply chain.

Printronix has adopted a collaborative, non-proprietary strategy to openly encourage the availability of reliable RFID labels for Printronix RFID printers. To support this strategy we are continuing to release Guide Specifications to the RFID community for specifying RFID labels for use in Printronix RFID printers.

These specifications outline the requirements for RFID labels and placement of RFID inlays for best performance in the Printronix family of RFID printers. Specifications available for downloading on our web site at **www.printronix.com**, are listed overleaf.

RFID SMART™ LABEL SPECIFICATIONS

Selecting RFID Tag Types

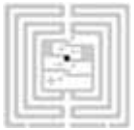
Printronix RFID SL5000 and SLPA7000 printers support a number of RFID protocols and antenna configurations, you will find in the chart below a complete list of RFID tags supported by Printronix Smartline™ Printers.

ANTENNA INLAY	PRINTER ENCODING	LABEL SIZES (MIN INLAY PITCH)	PRINTRONIX SPECIFICATION	CERTIFIED LABELS AVAILABLE FROM PRINTRONIX	PRINTER MENU SELECTION
EPC UHF CLASS 1 GEN 2, 860 TO 960 MHZ, BROADBAND OPERATION, 96 BITS (READ/WRITE)					
Alien Gen 2 Castle	MP2	Width: 3" to 6.8" Min Pitch: 4.125"	182625	Call	"Rafsec Frog Gen 2"
Alien Gen 2 Squiggle	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.0"	182328	RFiD (SMART)™	"Alien Squig G2"
Impinj Thin Propeller (RSI IN-11)	MP2	Width: 4" to 6.8" Min Pitch: 2.0" (2.65" on MP)	182630	Call	"EPC Gen2 96"
Impinj Paper Clip (RSI IN-25)	MP2	Width: Min Pitch: 1.6"	182632	RFiD (SMART)™	"Alien 9460 Omni"
Omron Gen 2 Loop	MP & MP2	Width: 3" to 6.8" Min Pitch: 3.0" (6.0" on MP)	182594	Call	"Custom Tag"

RFID SMART™ LABEL SPECIFICATIONS

ANTENNA INLAY	PRINTER ENCODING	LABEL SIZES (MIN INLAY PITCH)	PRINTRONIX SPECIFICATION	CERTIFIED LABELS AVAILABLE FROM PRINTRONIX	PRINTER MENU SELECTION
Omron Gen 2 Wave	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.125" (3.125" on MP)	182482	Call	"Omron Wave G2"
Rafsec 3000888	MP & MP2	Width: 3" to 6.8" Min Pitch: 2.0" (3.0" on MP)	182641	Call	MP2: "EPC G2 Phil1" MP: "EPC Gen 2"
TI Dallas	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.0" (3.0" on MP)	MP2:182315 MP:182280	RFID (((SMART)))	MP2: "TI Dallas G2" MP: "EPC Gen 2"
EPC UHF CLASS 1 GEN 2, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)					
Alien Omni-Squiggle	MP2	Width: 4" to 6.8" Min Pitch: 5.0"	182508	Call	"Alien Squig G2"
Avery AD-220 (aka Runway)	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.125"	182327	RFID (((SMART)))	"Avery AD220 G2"
Impinj Banjo	MP2	Width: 4" to 6.8" Min Pitch: 4.0"	182312	Call	"Imp Banjo G2"

RFID SMART™ LABEL SPECIFICATIONS

ANTENNA INLAY	PRINTER ENCODING	LABEL SIZES (MIN INLAY PITCH)	PRINTRONIX SPECIFICATION	CERTIFIED LABELS AVAILABLE FROM PRINTRONIX	PRINTER MENU SELECTION
EPC UHF CLASS 1 GEN 2, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)					
Impinj Propeller	MP2	Width: 4" to 6.8" Min Pitch: 2.1"	182313	Call	"Imp Prop G2"
KSW Excalibur Gen 2	MP2	Width: 4" to 6.8" Min Pitch: 5.0"	182445	Call	"EPC Gen 2"
KSW Templar	MP2	Width: 4" to 6.8" Min Pitch: 2.5"	182483	Call	"KSW Templar G2"
Rafsec 3000734 	MP2	Width: Min Pitch: 1.95"	182633	RFID (SMART)	"Alien 9460 Omni"
Rafsec Frog	MP & MP2	Width: 4" to 6.8" Min Pitch: 3.125" (4.25" on MP)	182458	Call	"Raf Frog G2"

RFID SMART™ LABEL SPECIFICATIONS

ANTENNA INLAY	PRINTER ENCODING	LABEL SIZES (MIN INLAY PITCH)	PRINTRONIX SPECIFICATION	CERTIFIED LABELS AVAILABLE FROM PRINTRONIX	PRINTER MENU SELECTION
Rafsec Short Dipole	MP2	Width: 4" to 6.8" Min Pitch: 2.0"	182316	Call	"Raf Short G2"
RF IDentics Flex Wing	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.5" (3.5" on MP)	182422	Call	"EPC Gen 2"
RSI IN-22 (Impinj Jumping Jack)	MP2	Width: 4" to 6.8" Min Pitch: 3.5"	182538	Call	"Avery AD220 G2"
Symbol Four T	MP2	Width: 4" to 6.8" Min Pitch: 2.25"	182457	Call	"EPC Gen 2"
Symbol Trident	MP2	Width: 4" to 6.8" Min Pitch: 2.125"	182742	Call	"EPC Gen 2"

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RFID SMART™ LABEL SPECIFICATIONS

LEGACY TAG SUPPORT				
ANTENNA INLAY	**PRINTER ENCODING**	**LABEL SIZES (MIN INLAY PITCH)**	**PRINTRONIX SPECIFICATION**	**PRINTER MENU SELECTION**
EPC UHF CLASS 1 GEN 1, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)				
Alien 9334	MP2	Width: 1.84" min Min Pitch: 2.5"	182468	"Alien Squig 96"
Alien I-Tag	MP2 (6" only)	Width: 6" to 6.8" Min Pitch: 2.0"	182364	"Alien Itag 96"
Alien M-Tag	MP & MP2	Width: 4" to 6.8" Min Pitch: 3.0"	182068	"Alien M-Tag 96"
Alien Squiggle	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.0"	182043	"Alien Squig 96"
Alien Squiggle 2 (aka Super Squiggle)	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.0" (3.0" on MP)	182291	"Alien SupS 96"
Avery AD-210 (aka Strip)	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.125"	182378	"Alien Squig 96"

RFID SMART™ LABEL SPECIFICATIONS

LEGACY TAG SUPPORT				
ANTENNA INLAY	**PRINTER ENCODING**	**LABEL SIZES (MIN INLAY PITCH)**	**PRINTRONIX SPECIFICATION**	**PRINTER MENU SELECTION**
EPC UHF CLASS 1 GEN 1, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)				
Avery AD-410 (aka IN)	MP & MP2	Width: 4" to 6.8" Min Pitch: 3.0"	182064	"Avery AD410 IN"
Avery AD-610 (aka BL)	MP2 (6" only)	Width: 6.0" to 6.8" Min Pitch: 2.5"	182361	"Avery BL"
Avery AD-810	MP2	Width: 1.635" min Min Pitch: 1.8"	182452	"Omron Wave"
Omron Loop	MP & MP2	Width: 3" to 4.5" Min Pitch: 3.65"	182372	"Alien Squig 96"
Omron Wave	MP & MP2	Width: 4.0" to 6.8" Min Pitch: 3.0"	182069	"Omron Wave"

RFID SMART™ LABEL SPECIFICATIONS

LEGACY TAG SUPPORT				
ANTENNA INLAY	**PRINTER ENCODING**	**LABEL SIZES (MIN INLAY PITCH)**	**PRINTRONIX SPECIFICATION**	**PRINTER MENU SELECTION**
EPC UHF CLASS 1 GEN 1, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)				
Rafsec 432	MP & MP2	Width: 4.0" to 6.8" Min Pitch: 3.0"	182055	"RAF Omni 432 96"
Rafsec 478	MP& MP2	Width: 4.0" to 6.8" Min Pitch: 3.0"	182044	"Rafsec 478"
EPC UHF CLASS 1 GEN 1, 869.525 MHZ NOMINAL, 96 BITS (READ/WRITE)				
Alien 869 Squiggle	MP2	Width: 4" to 6.8" Min Pitch: 2.0"	182043	"Alien Squig 96"
EPC UHF CLASS 0+, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)				
Symbol Class 0+ 4T Glacier	MP2	Width: 4" to 6.8" Min Pitch: 4.25"	182282	"Matrics 2020 96"

RFID SMART™ LABEL SPECIFICATIONS

LEGACY TAG SUPPORT				
ANTENNA INLAY	**PRINTER ENCODING**	**LABEL SIZES (MIN INLAY PITCH)**	**PRINTRONIX SPECIFICATION**	**PRINTER MENU SELECTION**
EPC UHF CLASS ZUMA, 915 MHZ NOMINAL, 96 BITS (READ/WRITE)				
Avery AD-620 (aka Triflex)	MP2	Width: 4" to 6.8" Min Pitch: 6.0"	182363	"ImpZ Triflex 96"
Impinj Propeller	MP& MP2	Width: 4" to 6.8" Min Pitch: 4.0"	182095	"ImpZ Prop 96"
PHILIPS UCODE 1.19, 869.525 MHZ NOMINAL, 96 BITS (READ/WRITE) FOR EUROPEAN APPLICATIONS				
Rafsec 450	MP & MP2	Width: 2.84" Min Pitch: 2.84"	182056	"RAFUCode 450 96"
X-ident PH 58	MP & MP2	Width: 4" to 6.8" Min Pitch: 2.0"	182057	"X-ident PH58 96"
X-ident PH 60	MP2	Width: 4" to 6.8" Min Pitch: 2.0"	182365	"X-ident PH60 96"

LASER SUPPLIES

When industrial printer users required printing on plastic cards and other non-traditional media over 10 years ago, Printronix introduced its LaserLine™ family of laser printers. With thousands of LaserLine™ printers installed worldwide, the Printronix LaserLine™ family has proven its ability to survive the most demanding and complex industrial environments.

For further information on the LaserLine™ laser printers, please visit our website at **www.printronix.com**

The LaserLine series are rugged, high-speed printers built for demanding applications found in supply chain & distribution centre environments. Our printers combine laser quality and speed with the convenience and functionality of continuous form printing.

The LaserLine Series can tackle a wide variety of media including:

- Labels for mailing and publishing
- Drum labels for chemicals
- Plastic membership cards
- Apparel shipping labels and hang tags
- Grocery store shelf labels
- Compliance labels for major appliances
- Customer statements and bills
- Automobile window stickers
- Medical laboratory bar codes
- Tyvek law labels
- And more...

HOW TO DETERMINE SUPPLY NEEDS

- **Are you printing continuous forms (fanfolded forms)?**
- **What brand of printer are you using?**
- **What model are you using?**
- **How many printers?**
- **How many boxes of paper are you printing per day or week?**

PRINTER OVERVIEW

Model	Speed (LPM)
L1016*	16
L1024*	24
L1524**	24
L5020*	20
L5024*	24
L5031*	31
L5035*	35
L5520*	20
L5535**	35
L7032	32

* No longer available

** Product not compliant with RoHS initiative and not legal for sale in countries that have adopted these measures.

LASER SUPPLIES

L1000 SERIES PRINTER APPLICATIONS

The installed base of Printronix L1000 Series continuous forms laser printers are used for:

Typical Text Printing Applications	Typical Bar Code Printing Applications
• Data processing reports • Inventory reports • Invoices • Packing slips • Parts listings • Pick lists	• Broadcast labels (large labels) • Point of sale labels • Product labels • Shelf labels • Shipping labels • Wide range of bar coded labels & tags

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LASER SUPPLIES

L1016 Series Printers Supplies

- **Toner Cartridge Kit**
  - Yield: 8,000 pages at 5% image coverage per page.

  Includes:
  - 2 Toner Bottles
  - 2 Waste Toner Bottles
  - 2 Fuser Felt Pads
- **Organic Photoconductor (OPC) Drum**
  - Yield: 30,000 pages at 5% image coverage per page.

  Precisely transfers toner to page.
- **Developer Kit**
  - Yield: 100,000 pages at 5% image coverage per page.

  Provides precise metering of toner for superior print quality.

  Includes:
  - Carrier
  - Ozone Filter
- **Fuser Assembly - 120 VAC**
  - Yield: 300,000 pages at 5% image coverage per page.

  Includes complete fusing unit.
- **Fuser Assembly - 220 VAC**
  - Yield: 300,000 pages at 5% image coverage per page.

  Includes complete fusing unit.
- **Felt Fuser Wipers**
  - Yield: Change with each toner load.

  Assures clean print image and extends Fuser Roller life.

Genuine Printronix L1016 Laser Printer Supplies are fully compatible and interchangeable with many laser printers from other distributors and manufacturers. (see below chart)

	BRAND	LASER PRINTERS COMPATIBLE WITH PRINTRONIX L1016 LASER PRINTER SUPPLIES
A	AMT	Tracjet 16ppm
	ANALOG	8030, 8530
	ATC	8030, 830EN
E	Europatec	Laser 303E
F	Facit	D7160, P5020
I	IBI	1600C
	Impression Technology	ZL 1 Laser Printer
M	Microplex	Solid 16E
O	OTC	LM 1000
P	Pentax	Laserfold 240, 300, 480, PL-0301, PL-F0241, F0301
	PFB	1016
R	Rosetta	RT-3216, 3216M
S	Synergystex	CF 1000
T	Thardo	CF 1000
W	Weber Marking	92 Series

LASER SUPPLIES

L1524, L1024 & L1024 IPDS Series Printers Supplies

- **Toner Kit**
  - Yield: 16,000 pages at 5% image coverage per page.

  Includes:
  - 2 Toner Bottles
  - 2 Waste Toner Bottles
  - 2 Fuser Felt Pads
- **Organic Photoconductor (OPC) Drum**
  - Yield: 30,000 pages at 5% image coverage per page.

  Precisely transfers toner to page.
- **Developer Kit**
  - Yield: 100,000 pages at 5% image coverage per page.

  Provides precise metering of toner for superior print quality.

  Includes:
  - Developing Unit - Ozone Filter
  - Developer (Starter Toner) - Cleaning Kit
- **Fuser Roller Kit**
  - Includes Pressure Roller and Fuser Roller.
  - Yield: 300,000 pages at 5% image coverage per page.

  Fuser Roller Kit - 120 VAC Models

  Fuser Roller Kit - 220 VAC Models
- **Felt Fuser Wipers**
  - Yield: Change with each toner load. Assures clean print image and extends Fuser Roller life.

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LASER SUPPLIES

L1524, L1024 & L1024 IPDS Series Printers Supplies (continued)

- **Card Stock Upgrade Kit**
  Requires installation by a Field Engineer.
  Consists of a special transfer unit and fuser.
  For stock 42-56 lbs. (10 points)
  Card Stock Upgrade Kit, 115v
  Card Stock Upgrade Kit, 230v

- **Fuser Kit, Card Stock Upgrade**
  - Yield: 300 000 pages at 5% image coverage per page.
  Includes Pressure Roller and Fuser Roller - replacement fuser when upgraded to the Card Stock Upgrade.
  Fuser Kit, Card Stock Upgrade, 115v
  Fuser Kit, Card Stock Upgrade, 230v

- **100 000 Page Supplies Kit**
  - Yield: 100 000 pages at 5% image coverage per page.
  Complete set of supplies to support 100 000 pages of printing.

  Includes:
  - 7 Toner Kits
  - 3 OPC Drums
  - 1 Developer Kit

Genuine Printronix L1524/L1024 Laser Printer Supplies are fully compatible and interchangeable with many laser printers from other distributors and manufacturers. (see below chart)

	BRAND	LASER PRINTERS COMPATIBLE WITH PRINTRONIX L1524/L1024 LASER PRINTER SUPPLIES
A	AMT	Tracjet III, Tracjet IV
	ATC	8045
C	C ITOH	C ITOH 24
E	Europatec	Laser 24E, Laser 303E
F	Facit	P5024
M	Microplex	Solid 24E, F24
O	OTC	LM 2400, LM 2405, LM 2406
P	Pentax	Laserfold 24E, PU934, PLE-F0301
	PFB	1024
	PSI	PP2024
S	Synergystex	CF1000 PLUS

LASER SUPPLIES

L5000 SERIES PRINTER APPLICATIONS

The installed base of Printronix L5000 Series laser printers address a specialty market and are used for:

Typical L5000 Printing Applications	
• Applications requiring wide web • Laser printing • Inventory reports • Packing slips • Parts listings • Pick lists • Plastic membership cards • Price tags	• Broadcast labels (large labels) • Point of sale labels • Product labels • Shelf labels • Shipping labels • Vinyl labels • Wide range of bar coded labels & tags

L5535, L5035, L5035 IPDS, L5031 and L5024 Series Printers Supplies

- **Toner Kit**
  - Yield: 25,000 pages at 4% image coverage per page.
- **Developer Kit**
  - Yield: 150,000 pages at 4% image coverage per page. Carrier for toner provides sharp print quality.
- **Waste Toner Bottle**
  - Yield: 150,000 pages at 4% image coverage per page.
- **Photoreceptor Drum**
  - Yield: 300,000 pages based on plain bond paper. Precisely transfers toner to page. Materials such as labels, card stock, vinyl or plastic may reduce drum life by as much a half. The determining factor for drum replacement is the user's print quality requirements.
- **Photoreceptor Drum**
  - Yield: 600,000 pages at 4% image coverage per page. Provides precise metering of toner for superior print quality. Requires recharging with Developer every 150,000 pages.
- **L5535 and L5035 300 000 Page Supplies Kit**
  Contains:
  - 12 Toner Cartridges
  - 2 Developers
  - 2 Waste Toner Bottles
  - 1 Photoreceptor Drum

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LASER SUPPLIES

L5520, L5020 And L5020 IPDS Series Printer Supplies

- **Toner Cartridge**
  - Yield: 21,000 pages at 4% image coverage per page.
- **Developer**
  - Yield: 150,000 pages at 4% image coverage per page. Carrier for toner provides sharp print quality.
- **Waste Toner Bottle**
  - Yield: 90,000 pages at 4% image coverage per page.
- **Photoreceptor Drum**
  - Yield: 300,000 pages based on plain bond paper. Precisely transfers toner to page. Materials such as labels, card stock, vinyl or plastic may reduce drum life by as much as half. The determining factor for drum replacement is the user's print quality requirements.
- **Developer Unit**
  - Yield: 600,000 pages at 4% image coverage per page. Provides precise metering of toner for superior print quality. Requires recharging with Developer every 150,000 pages.

www.printronix.com

LASER SUPPLIES

The Laserline L7032 printer delivers a winning combination of print quality, speed, ease-of-use, footprint, media handling and affordability. Rated at 32 pages per minute and up to 400,000 pages per month, this printer is ideal for use in distribution, supply chain and manufacturing applications.

L7032 Series Printers Supplies

- **Toner Starter Kit**
  - Includes 12 Toner Bottles, 12 Waste Toner Bottles, and 6 Fuser Cleaning Rollers.
  - Yield: 384,000 pages at 4% image coverage per page.
- **Toner Kit**
  - Includes 2 Toner Bottles, 2 Waste Toner Bottles, and 1 Fuser Cleaning Roller.
  - Yield: 64,000 pages at 4% image coverage per page.
- **Developer Unit**
  - Includes Developing Unit
  - Yield: 800,000 pages at 4% image coverage per page.
- **Developer Mix**
  - Includes Developer powder, Ozone Filter, Cleaning Kit, Drop Cloth and Mix Disposal Bag.
  - Yield: 800,000 pages at 4% image coverage per page.

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LASER SUPPLIES

MICR TONER SUPPLIES

- **MICR Toner Starter Kit**
  - Includes 12 Toner Bottles, 12 Waste Toner Bottles, and 6 Fuser Cleaning Rollers.
  - Yield: 384,000 pages at 4% image coverage per page.
- **MICR Toner Kit**
  - Includes 2 Toner Bottles, 2 Waste Toner Bottles, and 1 Fuser Cleaning Roller.
  - Yield: 64,000 pages at 4% image coverage per page.
- **MICR Developer Unit**
  - Includes Developing Unit
  - Yield: 800,000 pages at 4% image coverage per page.
- **MICR Developer Mix**
  - Includes Developer powder, Ozone Filter, Cleaning Kit, Drop Cloth and Mix Disposal Bag.
  - Yield: 800,000 pages at 4% image coverage per page.

COMMON SUPPLIES

- **OPC Drum Kit**
  - Includes OPC Drum Cartridge, Main Charger Unit and Charger Cleaner Brush
  - Yield: 400,000 pages at 4% image coverage per page.
- **Transfer Charger**
  - Includes Transfer Charger
  - Yield: 400,000 pages at 4% image coverage per page.
- **Fuser Assembly**
  - Includes Fuser and Fuser Roller
  - Yield: 800,000 pages at 4% image coverage per page.

  Fuser Roller Assembly - 120 VAC Models
  Fuser Roller Assembly - 220 VAC Models

LASER QUICK REFERENCE

Printronix L1016

Print Speed 16 pages per minute
Usage Up to 30,000 pages monthly

Supply Item	Part No.	Yield in Pages
Toner Kit	702566-001	8,000
OPC Drum Kit	704539-008	30,000
Developer Kit	702568-001	100,000
Fuser Assembly (120V)	702574-001	300,000
Fuser Assembly (220V)	702932-001	300,000
Fuser Felt Wipers (box of 10)	702854-001	

Printronix L1524, L1024 and L1024 IPDS Series Printers

Print Speed 24 pages per minute
Usage Up to 50,000 pages monthly

Supply Item	Part No.	Yield in Pages
Toner Kit	704539-006	16,000
OPC Drum Kit	704539-008	30,000
Developer Kit	704539-007	100,000
Fuser Roller Kit (120V)	704539-146	300,000
Fuser Roller Kit (220V)	704539-147	300,000
Fuser Felt Wipers (box of 10)	704539-021	
Fuser Kit, Card Stock Upgrade, 115v	203983-001	
Fuser Kit, Card Stock Upgrade, 230v	203984-001	
100,000 Page Supplies Kit Includes: - 7 Toner Kits - 3 OPC Drums - 1 Developer Kit	170802-001	100,000

LASER QUICK REFERENCE

By Printronix Model Number

Printronix L5535, L5035, L5035 IPDS, L5031 and L5024 Series Printers

Print Speed L5535/L5035 35 pages per minute
Print Speed L5031 31 pages per minute
Print Speed L5024 24 pages per minute
Usage Up to 300,000 pages monthly

Supply Item	Part No.	Yield in Pages
Toner Cartridge	703532-001	25,000
Waste Toner Bottle	703539-001	150,000
Developer	703548-001	150,000
Photoreceptor Drum	703535-001	300,000
Developing Unit	705739-001	600,000
300,000 Page Supplies Kit Includes: - 12 Toner Cartridges - 2 Waste Toner Bottles - 2 Developers - 1 Photoreceptor Drum	177738-001	300,000

Printronix L5520, L5020 and L5020 IPDS Series Printers

Print Speed 20 pages per minute
Usage Up to 300,000 pages monthly

Supply Item	Part No.	Yield in Pages
Toner Cartridge	703532-001	21,000
Waste Toner Bottle	202984-001	90,000
Developer	703548-001	150,000
Photoreceptor Drum	703535-001	300,000
Developing Unit	705739-001	600,000

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LASER QUICK REFERENCE

Printronix L7032 Series Printers

Print Speed 32 pages per minute (letter landscape)
Usage Up to 400,000 pages monthly

Supply Item	Part No.	Yield in Pages
Toner Starter Kit Includes: - 12 Toner Bottles - 12 Waste Toner Bottles - 6 Fuser Cleaning Rollers	252257-001	384,000
Toner Kit Includes: - 2 Toner Bottles - 2 Waste Toner Bottles - 1 Fuser Cleaning Roller	251749-001	64,000
Developer Unit	251746-001	800,000
Developer Mix Includes: - Developer Powder - Ozone Filter - Cleaning Kit - Drop Cloth - Mix Disposal Bag	251747-001	800,000
MICR Toner Starter Kit Includes: - 12 Toner Bottles - 12 Waste Toner Bottles - 6 Fuser Cleaning Rollers	252256-001	384,000

Supply Item	Part No.	Yield in Pages
MICR Toner Kit Includes: - 2 Toner Bottles - 2 Waste Toner Bottles - 1 Fuser Cleaning Roller	251742-001	64,000
MICR Developer Unit	251803-001	800,000
MICR Developer Mix Includes: - Developer Powder - Ozone Filter - Cleaning Kit - Drop Cloth - Mix Disposal Bag	251804-001	800,000
OPC Drum Kit Includes: - OPC Drum Cartridge - Main Charger Unit - Charger Cleaner Brush	251748-001	400,000
Transfer Charger	251745-001	400,000
Fuser Assembly Includes Fuser and Fuser Roller Fuser Assembly - 120 VAC Model Fuser Assembly - 220 VAC Models	 251744-001 251743-001	800,000

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LIST OF SUPPLIES DATASHEETS

Genuine Printronix Supplies Brochures are available (in full colour Adobe® PDF format) for downloading, on our web site at **www.printronix.com**

They are also available to order to Printronix Netherlands, using below PNs. Please note that brochures are packed by 50.

PRODUCT LINE	LANGUAGE	PART NO.
P7000 Line Matrix ribbons	English	250731-001
	French	250735-001
	Italian	250737-001
P5000 Line Matrix Gold Series ribbons	French	174613-001

leadership by design

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